EXPERIENTIA

REVUE MENSUELLE DES SCIENCES PURES ET APPLIQUÉES
MONATSSCHRIFT FÜR DAS GESAMTE GEBIET DER NATURWISSENSCHAFT
RIVISTA MENSILE DI SCIENZE PURE E APPLICATE
MONTHLY JOURNAL OF PURE AND APPLIED SCIENCE

Editores: P. Huber, Basel · R. Matthey, Lausanne · A. v. Muralt, Bern · L. Ruzicka, Zürich
Redactor: H. Mislin, Basel · Mainz

Vol. XXII · 1966

BIRKHÄUSER VERLAG BASEL (SCHWEIZ)

Printed in Switzerland

Fasc. 1	(15. I. 66)	pag. 1–64
Fasc. 2	(15. II. 66)	pag. 65–128
Fasc. 3	(15. III. 66)	pag. 129–200
Fasc. 4	(15. IV. 66)	pag. 201–272
Fasc. 5	(15. V. 66)	pag. 273–344
Fasc. 6	(15. VI. 66)	pag. 345–416
Fasc. 7	(15. VII. 66)	pag. 417–488
Fasc. 8	(15. VIII. 66)	pag. 489–560
Fasc. 9	(15. IX. 66)	pag. 561–632
Fasc. 10	(15. X. 66)	pag. 633–704
Fasc. 11	(15. XI. 66)	pag. 705–776
Fasc. 12	(15. XII. 66)	pag. 777–856

TABLE DES DISCIPLINES - FACHREGISTER - INDICE ALFABETICO PER MATERIE - CLASSIFIED INDEX OF SUBJECT-MATTER

Generalia

ARNON, DANIEL I., The Photosynthetic Energy Conversion Process in Isolated Chloroplasts, 273.

BAIER, E., Lattices in Precious Opal: An Example Crystallization from Supra-molecular Elements, 129.

BREMER, F., Le corps calleux dans la dynamique cérébrale, 201.

FURRER, G., Beobachtungen an rezenten und fossilen (kaltzeitlichen) Strukturböden, 489.

LABHART, H., Survey of the Methods for the Determination of Charge Distribution in Electronically Exited Molecules, 65.

OLLIS, W. D., The Neoflavanoids, a New Class of Natural Products, 777.

PERES, J. M., Le rôle de la prospection sous-marine autonome dans les recherches de biologie marine et d'océanographie biologique, 417.

ROWLEY, D., Phagocytosis and Immunity, 1.

SCHWARZENBACH, G., Die Entwicklung der Valenzlehre und ALFRED WERNER, 633.

TEMBROCK, G., Die physiologischen Grundlagen der Lautäusserungen bei Tieren, 561.

VOGLER, K., and STUDER, R. O., The Chemistry of the Polymyxin Antibiotics, 345.

Specialia

ABEELEN, J. H. F., Chlorpromazine and Fur Shaking in Mice, 360.

ABOLINŠ, L., und RÜDIGER, W., Über die farbgebende Gruppe von Crenilabrus-Blau, 298.

ABREU, L. A. DE, ABREU, REGINA RAPOSO, and POVOA, H. JR., Ceruloplasmin in Human Semen, 507.

ACHARYA, U. S. V., and RAO, S. S., Appearance of Pre-α_2-Globulins Soon After the Very First Dose of Diphteria Toxoid in Horse, 167.

ADAMS, J. C., GAZAWAY, J. A. JR., BRAILSFORD, M. D., HARTMAN, P. A., and JACOBSON, N. L., Isolation of Bacteriophages from the Bovine Rumen, 717.

AGOSTONI, A., SECCHI, G. C., und GERVASINI, N., Quantitative und qualitative Untersuchungen der Esteraseaktivität in normalen Granulozyten, normalen Lymphozyten und in leukämischen Zellen, 730.

AIRAN, M. J., DHARKAR, ARUNA P., and MASTER, R. W. P., γ-Amino Butyrate Pyruvate Transaminase in Plants, 789.

ALBERT, S., WOLF, P. L., and POTTER, ROSAMOND, Evaluation of the Maternal Role in Survival of Suckling Mice, 477.

ALLMANN, K., und DUSPIVA, F., Unterschiede in der Carbohydrasenausrüstung der Entwicklungsstadien von *Melolontha melolontha* L., 231.

ALTURA, B. M., THAW, C., and HERSHEY, S. G., Role of Bacterial Endotoxins in Intestinal Ischemic (SMA) Shock, 786.

AMICI, A. M., MINGHETTI, A., SCOTTI, T., SPALLA, C., and TOGNOLI, L., Production of Ergotamine by a Strain of *Claviceps purpurea* (Fr.) Tul. (Pro Experimentis), 415.

ANDÉN, N.-E. DAHLSTRÖM, ANNICA, FUXE, K., OLSON, L., and UNGERSTEDT, U., Ascending Noradrenalin Neurons from the Pons and the Medulla oblongata, 44.

ANDÉN, N.-E., FUXE, K., and LARSSON, K., Effect of Large Mesencephalic-Diencephalic Lesions on the Noradrenalin, Dopamine and 5-Hydroxytryptamine Neurons of the Central Nervous System, 842.

ANDERSSON, H., and ROOS, B.-E., Increased Level of 5-Hydroxyindoleacetic Acid in Cerebrospinal Fluid from Infantile Hydrocephalus, 539.

ANGHILERI, J., RECCHI, NELIDA, and BARUEL, J., Fate of Injected 4-Iodoantipyrine (^{131}I) in Rats, 78.

ANGHILERI, L. J., and MARQUÉS, R., Stability of the Colloidal Chromic Radiophosphate (^{32}P) to the Isotopic Exchange, 522.

AUE, REGINA, MAULI, R., and SIGG, H. P., Production of 6-Methoxy-Mellein by *Sporormia bipartis* Cain, 575.

AVANZINO, G. L., BRADLEY, P. B., and WOLSTENCROFT, J. H., Pharmacological Properties of Neurones in the Paramedian Reticular Nucleus, 410.

BACCARINI, A., Autotrophic Incorporation of $C^{14}O_2$ in *Cuscuta australis* in Relation to its Parasitism, 46.

BACH, R., und STICHER, H., Abbau von Quarz mit Brenzkatechin, 515.

BAGNI, N., Aliphatic Amines and a Growth-Factor of Coconut Milk as Stimulating Cellular Proliferation of *Helianthus tuberosus* (Jerusalem Artichoke) in vitro, 732.

BAGNI, N., and SERAFINI FRACASSINI, D., Naringenin Inhibition on Explants in vitro of *Cichorium intybus* (Chicory), 292.

BÄHNER, K.-J., Bestimmung der freien Hexosamine in Serum und Harn (Pro Experimentis), 194.

BAID, I. C., HAFIDH, R. A., and DABAGH, S., Giant Neurosecretory Cells in the Thoracic Ganglion of *Potamon magnum magnum* (Pretzman), 543.

BALDISSERA, F., BROGGI, G., and MANCIA, M., Presynaptic Inhibition of Trigeminal Afferent Fibres during the Rapid Eye Movements of Desynchronized Sleep, 754.

BALDRATTI, G., CAMERINO, B., CONSONNI, A., FACCIANO, F., MANCINI, F., PALLINI, U., PATELLI, B., SCIAKY, R., SUCHOWSKY, G. K., and TANI, F., Synthesis of 3-(2'-Chloroethoxy)-6-Formyl-$\Delta^{3,5}$-Pregnadienes. A New Class of Highly Active Anti-Inflammatory Corticosteroids, 468.

BALLANTYNE, B., The Reticulo-Endothelial Localization of Hepatic Acetylcholinesterase, 25.

BALLESTRA, J. P. G., and VILLANUEVA, J. R., Transverse Septa in *Geotrichum lactis*, 471.

BANNISTER, W. H., BANNISTER, J. V., and MICALLEF, H., Purification of Hemocyanin from Hemolymph by Adsorption to Calcium Phosphate (Pro Experimentis), 626.

BARBER-RILEY, G., Effect of Ethionine Ingestion on Biliary Secretion and Bile Tree Capacity in Rats, 233.

BARTHOLINI, G., PLETSCHER, A., and TISSOT, R., On the Origin of Homovanillic Acid in the Cerebrospinal Fluid, 609.

BARTOŠ, F., Histotopochemistry of Ascorbic Acid during the Formation of Carrageenin Granuloma, 716.

BAUCHAU, A. G., et MENGEOT, J. C., Sérotonine et glycémie chez les crustacés, 238.

BAUD, C. A., et DUPONT, D. H., La structure submicroscopique des dépôts de substance minérale dans la calcinose cutanée expérimentale (calciphylaxie), 18.

BAUMANN, CH., und HEISS, W.-D., Elektroretinogramm und retinale Impulsaktivität in Hypothermie, 184.

BEHRENS, M., HAHN, H., und NEU, W., Eine neue Methode zum schnellen Einfrieren von Geweben (Pro Experimentis), 853.

BEHRENS, M., NEU, W., und THALACKER, R., Schnelles Einfrieren von Geweben und Flüssigkeiten (Pro Experimentis), 265.

BENZ, G., On the Chemical Nature of the Heat-Stable Exotoxin of *Bacillus thuringiensis* 81.

BERG, K., Lack of Linkage between the Lp and Ld Serum Systems, 660.

BERGMANN, F., COSTIN, A., CHAIMOVITZ, M., and BENZAKEIN, F., The Effect of Ouabain on Water Consumption in the Rat, 700.

BERNARDI, L., BOSISIO, G., CASTIGLIONE, R. DE, and GOFFREDO, O., Synthesis of Phyllokinin, a Natural Bradykinin Analogue, 425.

BERNARDI, L., BOSISIO, G., CHILLEMI, F., CARO, G. DE, CASTIGLIONE, R. DE, ERSPAMER, V., and GOFFREDO, O., Synthetic Peptides Related to Eledoisin, Physalaemin-Like Peptides, 29.

BERNARDIS, L. L., Development of Hyperphagia in Female Rats with Ventromedial Hypothalamic Lesions Placed at Four Different Ages, 593.

BERNARDIS, L. L., Development of Hyperphagia in Male Rats Following Placement of Ventromedial Hypothalamic Lesions at Four Different Ages, 671.
BERNHEIM, F., Cystamine Inhibition of Enzyme Induction and Acetate Oxidation in *Pseudomonas aeruginosa* and Reversal by High Salt Concentration, 801.
BEUTLER, E., and COLLINS, Z., Hybridization Studies in the Further Characterization of Erythrocyte Glucose-6-Phosphate Dehydrogenase, 827.
BIANCHI, CLEMENTINA, BEANI, L., and BOLLETI, A., The Acetylcholine Content and Choline-acetyltransferase Activity in Human Skeletal Muscle, 596.
BIERI, H., Beitrag zur Theorie der konvexen Bereiche der euklidischen Ebene (Theoria), 617.
BIGLER, F., and THÖLEN, H., Balance Studies on Free and Bound Pantothetic Acid in Humans after Administration of Calcium Pantothenate or Coenzyme A, 321.
BISHUN, N. P., Association of Human Satellited Chromosomes, 223.
BIZZI, A., TACCONI, M. T., and GARATTINI, S., Lowering of Blood Ketone Bodies Induced by Drugs Preventing Free Fatty Acid Mobilization, 664.
BLACK, S. H., and ARREDONDO, M. I., Evidence for an Intracytoplasmic Membrane in the Core of Spores of *Bacillus popilliae*, 77.
BLAIR-WEST, J. R., and MCKENZEI, J. S., Sodium Concentration and the Effect of Angiotensin II on Ileal Smooth Muscle, 291.
BLAZSEK, V. A., and GYERGYAY, F., Localization of the Exogenous Fluorescent Histones in Ehrlich Ascites Tumour Cells, 380.
BOISSONNAS, R. A., GUTTMANN, ST., and PLESS, J., Synthesis of D-Ser^{1}-Nle^{4}-(Val-NH$_2$)^{25}-β-Corticotropin (1–25), a Highly Potent Analogue of ACTH, 526.
BOLOGNANI, L., BOLOGNANI FANTIN, A. M., LUSIGNANI, R., and ZONTA, L., Presence of Sialopolysaccharidic Components in Egg Gelatinous Mantle of *Rana latastei* and *Bufo vulgaris*, 601.
BONAVITA, V., GUARNERI, ROSA, and PONTE, F., ATPase in the Normal and Dystrophic Developing Retina of the Rat, 720.
BONOTTO. S., A Modification of Müller's Experimental Device for Obtaining a Growth of the Primary Roots of *Arabidopsis thaliana* (L.) Heynh. under Controlled Conditions (Pro Experimentis), 481.
BORNSCHEIN, H., HANITZSCH, RENATE, und LÜTZOW, ASTRID V., Der Nachweis des Barbiturateffektes an der isolierten Warmblüternetzhaut, 98.
BORNSCHEIN, H., and HEISS, W. D., Strychnine-Resistant Inhibition in the Retina, 49.
BOSE, S., GOTEOSKAR, B. P., and RANADIVE, K. J., Difference in the Action of Acriflavine and Hydroxyurea on Synthesis of Macromolecules in a Mammalian Cell System in vitro, 509.
BOTTINI, E., FILIPPI, G., COZZI, F., and MAGGIONI, G., Formation of a Peculiar Heme-Protein in Plasmas Containing Hemoglobin, 19.
BRADBURY, S., SMITH, A. D., and WINKLER, H., The Demonstration of Lysosomes in the Bovine Adrenal Medulla, 142.
BRAUN, T., and FABRY, P., Lipid-Mobilizing and Hypoglycaemic Activity of Pituitary Homogenates from Alloxan-Diabetic Rats, 152.
BRAUN, T., KAZDOVÁ, L., and FÁBRY, P., The Effect of Fasting, Refeeding and Meal Eating on the Ribonucleic Acid Content of Adipose Tissue in the Rat, 161.
BRECCIA, A., TRENTA, A., BADIELLO, R., MORETTI, S., and MATTII, M., Rate of Uptake of ^{35}Se, as Selenourea-^{75}Se, in Rats in vivo, 475.
BRECHT, K., and GEBERT, G., Direct Action of Extracellular Ca Ions on Skeletal Muscle, 713.
BROSSI, A., GERECKE, M., BATTERSBY, A. R., KAPIL, R. S., BAN, Y., and TERASHIMA, M., The Rubremetinium and Rubremetaminium Cations, 134.
BROWN, A. W., and BRIERLEY, J. B., Evidence for Early Anoxic-Ischaemic Cell Damage in the Rat Brain, 546.
BROWN, E. R., BUINAUSKAS, P., and SCHWARTZ, S. O., Immunofluorescent Antibody Studies of a Murine Leukemia Virus: Comparison of Human, Bovine and Murine Systems, 687.
BRUNNER, H., EICHENBERGER, K., MEIER, M., WILHELM, M., und SCHMIDT, P., Ein chemisch neuartiger Vasodilatator mit Wirkung auf die Lungenstrombahn, 208.
BRZIN, B., Unusual Cell Form of *Bacterium anitratum* Produced by Sulfonamides, 149.
BRZIN, B., Dependence of the Cell Morphology of *Vitreoscilla* on the Temperature of Incubation, 804.
CALDARERA, C. M., BARBIROLI, B., and MARCHETTI, M., Incorporation of [^{14}C] Amino Acids into Liver S-RNA of Chick. Effect of Orotic Acid and Vitamin B$_{12}$, 456.
CALDARERA, C. M., COZZANI, C., and MORUZZI, MARIA S., Polyamines and Nucleic Acids in Rat Liver Subjected to Ionizing Radiation, 579.
CAÑAS-RODRIGUEZ, A., Preliminary Studies of the Metabolism of 2-Guanidinomethyl-1:4-benzodioxan Sulphate (Guanoxan), 472.
CAPANNA, E., CIVITELLI, MARIA VITTORIA, MARTINO, C. DE, and PROCICCHIANI, GIOVANNA, Hexamethylentetramine-Silver Reaction for Lysosomes, 114.
CARLI, G., DIETE-SPIFF, K., and POMPEIANO, O., Presynaptic and Postsynaptic Inhibition on Transmission of Cutaneous Afferent Volleys Through the Cuneate Nucleus During Sleep, 239.
CARLI, G., DIETE-SPIFF, K., and POMPEIANO O., Modulation During Sleep of the Spino-Cerebellar Evoked Potentials, 455.
CARLI, G., DIETE-SPIFF, K., and POMPEIANO, O., Skeletomotor and Fusimotor Control of Gastrocnemius Muscle from Deiters' Nucleus, 583.
CARLSSON, C.-A., SJÖSTRAND, J., SUNDIN, T., and THULIN, C.-A., Regeneration of Feline Ventral Roots, 766.
CARTHY, J. D., Fine Structure and Function of the Sensory Pegs on the Scorpion Pectine, 89.
CASPI, E., LEWIS, D. O., PIATAK, D. M., THIMANN, K. V., and WINTER, A., Biosynthesis of Plant Steroids. Conversion of Cholesterol to Pregnenolone in *Digitalis purpurea*, 506.
CASU, ANNA, MONACELLI, R., and PALA, VALERIA, Triglyceride Behaviour in Liver and Serum of Rabbits Treated with Diphteria Toxin, 544.
CASU, A., QUERCIO, M., and MODENA, B., Phospholipid Catabolism in Some Organs of Rabbit During Aseptic Autolysis, 314.
CASTELLANI, A. A., ZONTA, L., BALDINI, C., and LATERZA, A., The Protein-Polysaccharide Linkages in Some Proteoglycans, 225.
CHAMBERS, P. L., and SALMONS, T. J., An Electronic Animal Activity Recorder (Pro Experimentis), 127.
CHARLES, A., Purification of Ferritin-Labelled Immunoglobulins (Pro Experimentis), 486.
CHARLES, A., A Useful New Stain for Electron Microscopy (Pro Experimentis), 702.
CHATTERJEE, A., Testicular Degeneration in Rats by Carbon Tetrachloride Intoxication, 395.
CHATTERJEE, A., and MUKHERJEE, A. P., Role of 'Adeno-Ephedrine' in the Induction of Persistent Vaginal Cornification, 110.
CHATTERJEE, A. K., JAMDAR, S. C., and GHOSH, B. B., Changes in Alanine Transaminase Activity in the Liver of Riboflavin-Deficient Rats, 794.
CHIARELLI, B., and SARTI, M., Nuclear Protrusions in the Polymorphonucleated Leucocytes of the Anthropoid Apes, 652.
CHIARELLI, B., The Chromosome Complement of *Nasalis larvatus* (Wurm 1781), 797.
CHO, Y. W., AKBARI-FARD, M., and DUGGE, E. J., Initial Myocardial Succino-Oxidase Activity Changes Induced by Intravenous Infusion of *Escherichia coli* Endotoxin in Rabbit, 242.
CHVAPIL, M., EHRLICHOVÁ, E., and HURYCH, J., Two Forms of the Effect of α, α'-Dipyridyl and 1,10-Phenanthroline on Synthetized Hydroxyproline-Deficient Collagen, 584.
CIOFALO, L. M., and ROBERTS, M. E., Some Evidence for Pancreatic-Adrenal Interaction Following Lethal Doses of 1-Aminocyclopentanecarboxylic Acid, 97.
CLARK, V. M., HERSHEY, J. W. B., and HUTCHINSON, D. W., The Oxidative Phosphorylation of Phosphoryl Esters Derived from L-Ascorbic Acid, 425.
CLASS, E., Über einige Reaktionen des Selentrioxids, 133.
CLEMENTE, C. D., CHASE, M. H., KNAUSS, T. K., SAUERLAND, E. K., and STERMAN, M. B., Inhibition of a Monosynaptic Reflex by Electrical Stimulation of the Basal Forebrain or the Orbital Gyrus in the Cat, 844.
COHEN, I., DJALDETTI, M., SANDBANK, U., KLIBANSKY, CH., and VRIES, A. DE, Fluorescein Staining of Guinea-Pig Lymphocytes Induced by *Echis colorata* Venom, 662.
CORBIN, A., and STORY, J. C., Depletion and Resynthesis of Pituitary FSH: Time Course of Events Following Treatment with Hypothalamic FSH-Releasing Factor, 694.
CORNER, M. A., Morphogenetic Field Properties of the Forebrain Area of the Neural Plate in an Anuran, 188.
COSTIN, A., BERGMANN, F., CHAIMOVITZ, M., and GINATH, Y., Nystagmus Evoked in the Rabbit by Electrical Stimulation of the Lateral Geniculate Body, 102.

Crane, W. A. J., and Bury, H. P. R., Alkaline Phosphatase in the Mesentery and Epididymal Fat Pad of Normal and Hypertensive Rats, 48.

Crawford, N., Sutton, Maureen, and Horsfield, G. I., 'Fibrils' in Human Blood Platelets, 710.

Crispens, Ch. G. jr., Effect of Actinomycin D on Mice Infected with the Lactate Dehydrogenase Virus, 823.

Csaba, G., Bodoky, M., Fischer, J., and Ács, T., The Effect of Pinealectomy and Thymectomy on the Immune Capacity of the Rat, 168.

Csaba, G., Dunay, C., and Fischer, J., Effect of Thymectomy on Immune Response in Adult Rats, 253.

Cunningham, A. W. B., O'Lague, P., Rojas-Corona, R. R., and Freeman, J. A., Microelectrode Studies of Spontaneous Potentials from Chick Embryo Telencephalon in vitro, 439.

Custance, D. R. N., The Effect of a Sudden Rise in Temperature on Strobilae of *Aurelia aurita*, 588.

Dadák, V., and Hordák, K., Some Relations Between the Structure and the Antibacterial Activity of Natural Coumarins, 38.

Dadd, R. H., and Mittler, T. E., Permanent Culture of an Aphid on a Totally Synthetic Diet, 832.

Dagnino, N., Favale, E., Loeb, C., Manfredi, M., and Seitun, A., Accelerated Synaptic Transmission in Nucleus Ventralis-Postero-Lateralis During Deep Sleep, 329.

Dalderup, M. L., and Vries, J. E. de, Serum Cholesterol, Anthropometric, Electrocardiographic and Dietary Data in Men Living Under Very Similar Conditions, 597.

Daly, J. W., and Heatwole, H., Occurrence of Carnosine in Skin of Certain Leptodactylid Frogs, 764.

D'Amico, G., Sirchia, G., Ferrone, S., and Romagnoni, M., Cation Transport in Normal Human Red Cells Treated with Sulfhydryl Compounds, 32.

Da Prada, M., and Pletscher, A., Acceleration of the Cerebral Dopamine Turnover by Chlorpromazine, 465.

Dasgupta, B., Chemical Investigations of *Alangium lamarckii* II. Isolation of Choline from the Leaves, 287.

Dasgupta, B., and Sharma, Sheela, Chemical Investigations of *Alangium lamarckii* III. Isolation of Steroids and Terpenoids from the Leaves, 647.

Decandia, M., and Provini, L., Motoneurone Excitability During Repetitive Stimulation of Group I Afferent Fibres, 187.

Dellacha, J. M., Enero, María A., and Faiferman, I., Molecular Weight of Bovine Growth Hormone, 16.

Desai, R. N., Nuclear Apparatus and Binary Fission in *Spirostomum dharwarensis* n. sp., 35.

Diaz, R., and Chordi, A., Immunoelectrophoretic Analysis of *Brucella suis*, 825.

Doepfner, W., Biological Characterization of a New and Highly Potent Synthetic Analogue of Corticotrophin, 527.

Doleschel, W., and Auerswald, W., On the Mechanism of Potentiation of Kinins by Inhibitors of the Fibrinolytic System, 540.

Doležel, S., Histochemical Identification of Monoamine in the Arterial Wall, 307.

Dolfini, S., and Gottardi, A., Changes of Chromosome Number in Cells of *Drosophila melanogaster* Cultured in vitro, 144.

Dominic, C. J., Block of Pseudopregnancy in Mice Caused by Exposure to Male Urine, 534.

Donoso, A. O., Effect of Brain Lesions on Hypothalamic Noradrenalin in Rats, 191.

Dransfeld, H., und Berger, H., Zur Wirkung des Calciums auf die Myofibrillen-ATPase des Herzmuskels, 183.

Dufour, D., Gauthier, G., et Lemieux, S., Distinction entre les variations phénotypiques sexuelles et génétiques chez le Rat, par l'analyse immunoélectrophorétique des protéines urinaires spécifiques, 28.

Dutt, Kamla, Spontaneous Occurrence of Aneuploidy in the Male Germ Cells of *Naja tripidians*, 815.

Dvonch, W., Greenspan, G., and Alburn, H. E., Microbiological Oxidation of Fusidic Acid, 517.

Dyster-Aas, H. K., and Krakau, C. E. T., A MSH-Released Serum Factor Acting on the Blood-Aqueous Barrier of the Rabbit Eye, 156.

Ehinger, B., and Gustafsson-Sporrong, B., Adrenergic and Cholinergic Axons in the Mouse Iris, 218.

Eichner, D., Ein Mikro-Homogenisator (Pro Laboratorio), 620.

Elens, A. A., Mouravieff, A. N., and Heuts, M. J., The Age of Reproduction as a Factor of Transmissible Divergences in Learning Ability in the Mouse, 186.

El-Fouly, M. M., Über die Spezifität der «TEE-Methode» zur quantitativen Bestimmung von Ascorbinsäure und Gesamt-Vitamin-C im frischen Pflanzenmaterial (Pro Experimentis), 854.

Elmiger, P., Rodent Preimplantation Stages: Mounting 'in toto' and Alterations Due to Anisotonic Solutions (Pro Experimentis), 484.

Elton, R. L., Counsell, R. E., Klimstra, P. D., and Nutting, E. F., The Estrogenic and Deciduogenic Properties of Some Estra-1, 3, 5, (10) triene-3, 17β-diol Derivatives, 437.

Emberson, J. W., and Challice, C. E., A Vital Stain for the Specialized Tissues of the Heart (Pro Experimentis), 620.

Emmelin, N., Nordenfelt, I., and Perec, C., Rate of Fall in Choline Acetyltransferase Activity in Denervated Diaphragms as Dependent on the Length of the Degenerating Nerve, 725.

Endo, R. M., Santos, M., and Carlini, E. A., Effects of a Crystalline Proteinase from *Bacillus subtilis* (Nagarse) on Angiotensin I and II, 757.

Engelmann, W., Effect of Light and Dark Pulses on the Emergence Rhythm of *Drosophila pseudoobscura*, 606.

Ernst, A. M., and Smelik, P. G., Site of Action of Dopamine and Apomorphine on Compulsive Gnawing Behaviour in Rats, 837.

Erspamer, V., Caro, G. de, and Endean, R., Occurence of a Physalaemin-Like Polypeptide (Uperolein) and Other Active Polypeptides in the Skin of *Uperoleia rugosa*, 738.

Esposito, S., and Chérie Lignière, E. L., Transfer of the Immunization to a Bacterial Antigen by RNA, 603.

Esser, H. O., and Müller, P. W., Metabolism of GS 13005, a New Insecticide, 36.

Estler, C.-J., and Ammon, H. P. T., Deposition of Fat in the Liver Following Administration of Caffeine, 589.

Ewen, A. B., A Possible Endocrine Mechanism for Inducing Diapause in the Eggs of *Adelphocoris lineolatus* (Goeze) (Hemiptera: Miridae), 470.

Ewenson, I. W. de, Gianturco, F. A., and Gramaccioni, P., On the Stability of Bilirubin, 14.

Fabbrini, A., Torsoli, A., Alessandrini, A., Onori, L., Greco, V., Casale, C., Arullani, P., and Re, M., Surface Microscopy of the Large Bowel, 408.

Faelli, A., and Esposito, G., A Method for the Contemporaneous Determination of Oxygen Consumption and of Other Chemical Parameters in the Isolated Intestine (Pro Experimentis), 123.

Falconi, G., Müller, E., and Pecile, A., Maintenance of Growth Hormone Releasing Activity in the Hypothalamus of Long-Term Hypophysectomized Rats, 333.

Fare, G., and Sammons, D. C. H., Thin Layer Chromatography and Rf Values of Amino Acid-Copper Complexes in Phenol/Water, 668.

Felicioli, R. A., Gabrielli, F., and Rossi, C. A., Intracellular Distribution of Pyruvate Carboxylase in Mammalian Brain Cortex, 728.

Ferreyra Moyano, H., Interaction Patterns of Preoptic and Olfactory Bulb Evoked Responses in the Rat, 397.

Ferrone, S., Zanella, A., and Sirchia, G., Normal Human Red Cells Treated with 2-Aminoethylisothiouroniumbromide (AET). Acetylcholinesterase Inactivation and Susceptibility to Acid Lysis in vitro, 731.

Fieschi, C., Agnoli, A., Battistini, N., and Bozzao, L., Relationships Between Cerebral Transit Time of Non-Diffusible Indicators and Cerebral Blood Flow. A Comparative Study with Krypton^{85} and Radioalbumin, 189.

Figge, K., Zweidimensionale Dünnschichtchromatographie von Zuckern (Pro Experimentis), 767.

Fischer, R., Sex, Lifespan and Smoking, 178.

Flatin, J., et Delsol, M., Résistance de la souris et du souriceau à l'hypothermie prolongée à 20° C. Observations portant sur près de 500 animaux, 94.

Flierl, C., Sigel, H., und Erlenmeyer, H., Strukturspezifischer Abbau von Polypeptid-Metall-Komplexen. V. Abbau des Cu^{2+}-Polymyxin-B-Komplexes durch NH_2OH, 784.

Floersheim, G. L., Further Studies Pertaining to a *B. pertussis* Factor Inhibiting the Tuberculin Reaction, 219.

Forsberg, J.-G., and Norell, Kristina, Differentiation of the Epithelium in Early Grafts of the Mouse Müllerian Vaginal Region, 402.

Forssmann, W. G., und Matter, A., Ultrastruktureller Nachweis von zwei Myofibrillentypen in den Muskelfasern des Rattenzwerchfells, 816.

Fox, M. W., Brain to Body Relationships in Ontogeny of Canine Brain, 111.

Fox, M. W., Further Observations an Age Differences in the Effects of Formalin on the Canine Brain in vitro, 447.
Fox, M. W., and Inman, O. R., Age Differences in the Cellular Response to Cerebral Lesions in the Dog and Mouse, 54.
Frankstein, S. I., and Sergeeva, Z. N., The Tonically Acting Pulmonary Receptors Innervated by C Fibres, 604.
Freudenberg, E., A Lipase in the Milk of the Gorilla, 317.
Fridrich, R., The Effect of Splenectomy on the Radiation Disease of in utero Irradiated Foetus, 116.
Fridrich, R., and Schäfer, M., The Influence of the Thymus on Radiogold Clearance (Disputandum), 552.
Fridrich, R., and Schäfer, M., The Phagocytic Activity of Kupffer Cells After Thymectomy, 576.
Friedmann, Th., Immunofluorescent Localization of Tamm-Horsfall Mucoprotein (Pro Experimentis), 624.
Fritz-Niggli, H., Post-Irradiation Induced Sensitization of Inhibition of Oxidative Phosphorylation by Iodoacetamide, 666.
Furlenmeier, A., Fürst, A., Langemann, A., Waldvogel, G., Hocks, P., Kerb, U., and Wiechert, R., The Synthesis of Ecdysone, 573.

Gabbiani, G.. Action of Cadmium Chloride on Sensory Ganglia, 261.
Gabler, E., Die therapeutische Wirkung von Adrenalin und Alupent nach letaler Röntgenganzkörperbestrahlung, 542.
Galegov, G. A., and Zhdanov, V. M., A Method for Revealing Inhibition of Virus-Induced Synthesis of RNA (Pro Experimentis), 61.
Galskov, A., Labelling of Corticotropin with Iodine-125 (Pro Experimentis), 63.
García Acha, I., Ballesta, J. P. G., Aguirre, M. J. R., and Villanueva, J. R., Preparation of Spore Coats of *Fusarium culmorum*, 378.
Garcia-Buñuel, L., Garcia-Buñuel, Virginia M., and Green, L., Denervation Atrophy: Enzyme Changes in the Control Muscle 173.
Gárdos, G., The Role of 2,3-Diphosphoglyceric Acid in the Potassium Transport of Human Erythrocytes, 308.
Gaude, H., und Weber, W., Untersuchungen zur Neurosekretion bei *Acheta domesticus* L., 396.
Gelfand, S., and Ganz, A., Further Observations of the Angiotensin Vasopressive Effect in Rabbits, 478.
Genest, K., The Effect of Gibberellic Acid Treatment on the Alkaloid Content of Mature *Ipomoea violacea* L. Seeds, 681.
Geratz, J. D., *p*-Aminobenzamidine as Inhibitor of Trypsinogen Activation, 73.
Gier, J. de, Deenen, L. L. M. van, and Senden, K. G. van, Glycerol Permeability of Erythrocytes, 20.
Gillet, C., et Archambeau, J., Effet du pH sur la radioprotection des grains d'orge par les sels minéraux, 82.
Giovanetti, S., Giagnoni, P., Balestri, P. L., and Cioni, L., Red Cell Survival in Chronic Uraemia: Its Relationship With the Spontaneous in vitro Autohemolysis and With the Degree of Anaemia, 739.
Glick, B., and Whatley, Sandra, The Effect of *o,p*-DDD in the Chicken, 179.
Golda, V., Petřek, J., and Lisoněk, P., Extraprimary Cortical Evoked Potentials in Freely Moving Cat Following Photic Stimulation, 57.
Gorkin, V. Z., Gridneva, L. I., Klyashtorin, L. B., Veryovkina, I. V., and Vina, I., Effect of Some Monoamine Oxidase Inhibitors on Deamination of Biogenic Monoamines by Rat Liver Mitochondrial Monoamine Oxidase, 157.
Goswami, M. N. D., and Chatagner, Fernande, Starvation-Induced Adaptation of Rat Liver Tyrosine Transaminase and Serine Dehydrase, 370.
Graf, H., und Borbély, A., Radiotelemetrische Körpertemperaturmessung bei Mäusen und Ratten (Pro Experimentis), 339.
Grillner, S., Hongo, T., and Lund, S., Monosynaptic Excitation of Spinal γ-Motoneurones from the Brain Stem, 691.
Grillner, S., and Lund, S., A Descending Pathway with Monosynaptic Action on Flexor Motoneurones, 390.
Grobecker, H., und Holtz, P., Über die Brenzkatechinamine im Froschherzen und in der Froschhaut vor und nach Verabfolgung von α-Methyldopa, 42.
Grobecker, H., und Schümann, H. J., Subzelluläre Verteilung der Brenzkatechinamine in Herz und Nebennieren von Meerschweinchen nach Vorbehandlung mit *l*-α-Methyl-Dopa, 22.
Groenendijk-Huijbers, Margot M., A New Method of Multiple Grafting of Endocrine Glands into the IVth Ventricle of the Chick Embryo (Pro Experimentis), 266.
Groenendijk-Huijbers, Margot M., Sex-Linked Feathering of Female Hybrid Chick Embryos Hormonally Conditioned, 302.
Grunberg, E., and Prince, H. N., The Activity of Ibenzmethyzin Hydrochloride Against the Human Transplantable Tumors Human Epithelioma No. 3 and Human Adenoma No. 1, 324.
Guimarães, J. P., Polyploidy and Aneuploidy in Au 198 Irradiated Rat Liver, 661.
Gundersen, K., Carlucci, A. F., and Boström, K., Growth of Some Chemoautotrophic Bacteria at Different Oxygen Tensions, 229.
Gupta, M. L., Chromosome Number and Sex Chromosome Mechanism in Some More Species of the Indian Mantids, 457.
Gupta, P. D., Histochemical Studies of Nucleolus and Nucleolar Extrusions in Insect Oogenesis, 374.
Guttes, Sophie, Guttes, E., and Hadek, R., Occurence of Morphology of a Fibrous Body in the Mitochondria of the Slime Mold *Physarum polycephalum*, 452.
Gwinner, E., Periodicity of a Circadian Rhythm in Birds by Species-Specific Song Cycles (Aves, Fringillidae: *Carduelis spinus, serinus serinus*), 765.

Hadjimarkos, D. M., Effect of Selenium on Food and Water Intake in the Rat, 117.
Hahn, P., and Drahota, Z., The Activities of Citrate Cleavage Enzyme, Acetyl-CoA Synthetase and Lipoprotein Lipase in White and Brown Adipose Tissue and the Liver of the Rat during Development, 706.
Hailman, J. P., Mirror-Image Color-Preferences for Background and Stimulus-Object in the Gull Chick *(Larus atricilla)* 257.
Halton, D. W., Occurrence of Microvilli-Like Structures in the Gut of Digenetic Trematodes, 828.
Hammarström, L., Ritzén, M., and Ullberg, S., Combined Autoradiography and Fluorescence Microscopy. Localization of Labelled 5-Hydroxytryptophan in Relation to Endogenous 5-Hydroxytryptamine in the Gastrointestinal Tract, 213.
Hammer, B., und Landolt, A. M., Elektrischer Widerstand, Aussendurchmesser der Spitze und Wandstärke von Glas-Mikroelektroden (Pro Experimentis), 413.
Hanin, I., and Jenden, D. J., The Effect of Perchlorate Ion and Some Pharmacological Agents on the Sensitivity of the Frog (*Rana pipiens*) Rectus abdominis to Acetylcholine, 537.
Hansen-Delkeskamp, E., und Duspiva, F., Aktivitätsverlauf der enzymatischen Phosphorylierung von Thymidin während der Entwicklung des Seeigels *Psammechinus miliaris* von der Befruchtung bis zum Zweizeller, 381.
Hänze, S., und Brost, F., Erythrocytäre Anionenkonzentrationen bei renaler Insuffizienz, 830.
Hargreaves, T., and Scrimgeour, G., The Distribution of Bilirubin in Rat Liver Fractions, 382.
Harries, Diann, and Russell, A. D., Revival of Heat-Damaged *Escherichia coli*, 803.
Hartweg, H., und Lemanczyk, D., Der Einfluss der Adenosintriphosphorsäure auf die Strahlenpneumonitis, 147.
Hashimoto, K., Kato, T., and Inagaki, K., Enhanced Urea Excretion, Probably by Forming Inclusion Compound with Lutidine, 520.
Hassan, A., and Bahig, M. R. E., Inhibition of Catalase by (Arylthio)-Acetohydroxamic Acids, 646.
Hassan, A., Elghamry, M. I., and Abdel-Hamid, F. M., Inhibition of Methanol Metabolism in Mice with Acetyl Salicylic Acid, 85.
Hattingberg, H. M. von, Klaus, W., Lüllmann, H., und Zepf, S., Fluorometrische Bestimmung von Mikromengen Calcium in Muskelgewebe (Pro Experimentis), 553.
Haupt, H., und Heide, K., Kristallisation des Präalbumins aus Humanserum, 449.
Haus, E., and Halberg, F., Persisting Circadian Rhythm in Hepatic Glycogen of Mice during Inanition and Dehydration, 113.
Hayashi, K., Suketa, Y., Tsukamoto, K., and Suzuki, T., Chemical Structure of Polymyxin D_1, 354.
Heide, E. A., Elektronenoptische Untersuchungen des Hauptstrom-Rauchkondensats der Partikelphase des Cigaretten- und Cigarrenrauchs (Pro Experimentis), 703.
Heller, J., The Composition of the Renal Medulla During Natriuresis Accompanying Saline Loading in the Rat, 838.
Hempel, K., and Männl, H. F. K., The Conversion of H^3-Tyrosine to H^3-DOPA in the Adrenal Glands under in vivo Conditions, 689.

HERBST, A., WIECHERT, P., und HENNECKE, H., Zur Wirkung parenteral verabfolgter L-Glutaminsäure auf die bioelektrische Aktivität des Gehirns, 718.
HERZ, A., and ZIEGLGÄNSBERGER, W., Synaptic Excitation in the Corpus striatum Inhibited by Microelectrophoretically Administred Dopamine, 839.
HEVÉR, Ö., Die Verteilung der genetisch bedingten Haptoglobintypen bei Geschwulstkrankheiten, 41.
HILL, M., Translocation of Donor DNA into Nucleolar Associated Chromatin of Recipient Cell in vitro, 726.
HO, R.-J., JEANRENAUD, B., and RENOLD, A. E., Ouabain-Sensitive Fatty Acid Release from Isolated Fat Cells, 86.
HÖCKFELT, T., The Effect of Reserpine on the Intraneuronal Vesicles of the Rat Vas deferens, 56.
HOLLÄNDER, L. P., FRANZ, J., and BERDE, B., An Attempt to Produce Antibodies to Oxytocin and Vasopressin, 325.
HOLLSTEIN, U., BURTON, R. A., and WHITE, J. A., In vivo Oxidative Coupling of Anilines and Phenolic Anilines, 210.
HOLM, O., and KRAKAU, C. E. T., Measurements of the Flow of Aqueous Humor According to a New Principle (Pro Experimentis), 773.
HOUBA, V., and HOUBA, J., A Comparison of Lymph Collected from the Thoracic Duct in CBA and A Strain Mice, 829.
HRUŠKA, K., Semiquantitative Estimation of Phosphatase Activity in the Sephadex Layer (Pro Experimentis), 625.
HUCKER, H. B., and HOFFMAN, E. A., A New Method for Assay of Radioactive Dimethyl Sulfoxide and its Metabolite, Dimethyl Sulfone (Pro Experimentis), 855.
HUGON, J., MAISIN, J. R., and BORGERS, M., Lysosomal Modifications after Administration of Radioprotective Drugs, 235.
HÜNI, J. E. S., HILTEBRAND, H., SCHMID, H., GRÖGER, D., JOHNE, S., und MOTHES, K., Zur Biosynthese des Verbenalins und Aucubins, 656.
HURTER, J., Abbauprodukte von Simazin in Gramineen, 741.

INGLOT, ANNA D., and KOCHMAN, MARIAN, Effect of Choline Salicylates and Some Other Analogues of Salicylic Acid on the Replication of EMC Virus in vitro, 322.
IOPPOLO, CARMELA, Hybrid Formation in Mixtures of Globins from Different Species, 742.

JANA, M. K., MOUTSCHEN, J., and DEGREAVE, N., On Combined Effects of Deoxyfluorouridine (FUDR) with Radiations and Ethyl Methane Sulphonate (EMS) on Chromosomes, 581.
JANKOVIĆ, B. D., RAKIĆ, L. M., JANJIĆ, M., IVANUŠ, J., and MITROVIĆ, K., Effect of Experimental Allergic Encephalomyelitis γ-Globulin Upon the Electrical Activity of the Brain, 459.
JAYARAJ, S., The Effect of Leafhopper Infestation on the Respiration of Castor Bean Varieties in Relation to their Resistance to *Empoasca flavescens* (F.) (Homoptera: Jassidae), 445.
JENNY, M., MÜLLER, A. F., and MACH, R. S., The Adrenocorticotropic Action of a New Synthetic Pentacosapeptide, 528.
JEREMIAS, K., und KULL, U., Zum Vorkommen von Maltose in vegetativen Pflanzenteilen, 141.
JOH, Y., and MAKINO, K., 5-Hydroxylation of Kynurenine in Animals, 591.
JORDAN, P., und KACZMAR, U., Automatische Kompensation der Fluoreszenzlöschung und sonstiger Störfaktoren, die bei der Szintillationszählung radioaktiver Substanzen in Lösung auftreten (Pro Experimentis), 482.

KADZIELA, W., and KOKOCIŃSKI, W., The Effect of some Neurohormones on the Heart Rate of Spiders, 45.
KALÁB, D., UV-Induced Photodimerization of Thymine and 5-Hydroxymethyluracil in Frozen Water Solutions, 23.
KAKKAR, R. K., Excited Molecular O_2 and Inactivation of Indolebutyric Acid (IBA), 137.
KAMURA, S., NIWA, T., SKELTON, F. R., and BERNARDIS, L. L., Effects of Angiotensin II and Epinephrine Infusion on Juxtaglomerular Cell Granularity and Arterioles of the Rat Kidney, 547.
KASTIN, A. J., and SCHALLY, A. V., In vivo Assay for Melanocyte Lightening Substances, 389.
KATO, H., IWANAGA, S., and SUZUKI, T., The Isolation and Amino Acid Sequences of New Pyroglutamylpeptides from Snake Venoms, 49.
KATOH, S., and AKINO, M., In vitro Conversion of Sepiapterin to Isosepiapterin via Dihydrobiopterin, 793.
KEČKEŠ, S., OZRETIĆ, B., and LUCU, Č., About a possible Mechanism Involved in the Shedding of Sea-Urchins, 146.
KELLER-SCHIERLEIN, W., Die Konstitution des Borrelidins, 355.
KELLEY, C., and BROWN, RACHEL, The Production of Leucylphenylalanine Anhydride by a Variant of *Streptomyces noursei*, 721.
KEMÉNY, T., and TARJÁN, R., Investigations on the Effects of Chronically Administred Small Amounts of DDT in Mice, 748.
KLEIN, W., und BERETTA, E., Nucleotidsynthese und Kohlenhydratstoffwechsel in Hämolysaten, 139.
KLEIST, H., und MÜCKE, D., Stabile freie Radikale in Huminsäuren, 136.
KLUTHE, R., KLEINE, N., und HAGEMANN, U., Bestimmung des α-2-Makroglobulinumsatzes beim Menschen, 385.
KNAPSTEIN, P., und OERTEL, G. W., Enterohepatischer Kreislauf von 7 α-^{3}H-DHEA-^{14}C-Glukoronosid und 7 α-^{3}H-DHEA-^{35}S-Sulfat beim Meerschweinchen, 577.
KNAPSTEIN, P., WENDELBERGER, F., and OERTEL, G. W., Direct Metabolism of 7α-^{3}H-DHEA-3-^{14}C-Glucuroniside, 785.
KOVÁCS, E., LANTOS, J., and MAZAREAN, H. H., The Effect of Phage Infection on the Catalase Induction of the *Staphylococcus aureus* Culture, 802.
KRAUSE, E.-G., Über die Wirkung von Diäthyläther auf die Aktivität der Glykogenphosphorylase und Phosphorylase *b*-Kinase in Herz, Skeletmuskel und Leber der Ratte, 479.
KREIS, W., PIEPHO, SUSAN B., and BERNARD, HANNAH V., Studies on the Metabolic Fate of the ^{14}C-Labeled Methyl Group of a Methylhydrazine Derivative in P815 Mouse Leukemia, 431.
KRITCHEVSKY, D., and TEPPER, SHIRLEY A., Oxidation of Cholesterol by Rat Liver Mitochondria: Influence of Deuterium Oxide, 84.
KRÖGER, H., STUTZ, E., ROTHER, M., and NIEHOFF, S., The Influence of Antiserum on the Metastasis of Ascites Cells from the Yoshida Sarcoma, 300.
KRUG, H., HÜBNER, G., HAMBSCH, K., and LUDEWIG, R., Cytophotometric Investigations on the Influence of Heavy Water Upon the Nucleic Acid Content of Tumour Cells, 683.
KRSTIĆ, R., Die Treffermethode in der Messung der Parathyreozyten-Aktivität nach der Epiphysektomie (Pro Experimentis), 336.
KÜHNEMUND, O., und OZEGOWSKI, W., Über ein Zwischenprodukt bei der Darstellung von Rhodamin B-Isothiocyanat (Pro Experimentis), 558.
KUMAZAWA, T., Intracellular Recording of Electrical Response of Muscle Fibre to Transversely Applied Middle-Frequency Pulse Stimulation, 393.
KURATH, P., The Benzilic Acid Rearrangement of 3 α,17β-Diacetoxy-11-hydroxy-12-oxo-5β-androst-9(11)-ene, 657.
KUTÁČEK, M., SPÁLENÝ, J., und OPLIŠTILOVÁ, K., Die biosynthetische Inkorporation von externem $S^{35}O_2$ in Glucobrassicin, 24.

LAGUENS. R. P., LOZADA, B. B., GÓMEZ DUMM, C. L., and BERAMENDI, A. R., Effect of Acute and Exhaustive Exercise Upon the Fine Structure of Heart Mitochondria, 244.
LAHIRI, S. C., MAITI, P. C., and CHATTERJEE, IVA, Pharmacological Properties of a Glycoalkaloidal Fraction Obtained from *Solanum auriculatum* Ait., 464.
LALLIER, R., Effets d'analogues du chloramphénicol sur la différenciation de l'œuf de l'oursin *Paracentrotus lividus*, 724.
LAMBERT, J. G. D., Location of Hormone Production in the Ovary of the Guppy, *Poecilia reticulata*, 476.
LAMPRECHT, J., und REMENSBERGER, P., Polytäne Chromosomen im Bereiche der Prothoracal-dorsal-Imaginalscheibe von *Drosophila melanogaster*, 293.
LANDI, L., PASQUALI, P., and MARCHETTI, M., Folic Acid and Biotin on the Metabolism of One Carbon Unit: Utilization of β-Carbon of Serine for the Synthesis of Methionine, 362.
LANG, B. A., and LANG, K. J., Blood Groups and the Dependence of the Glycoproteid Values (Bound Hexoses) on the Values of Total Blood Serum Proteins in Man, 170.
LARON, Z., MANNHEIMER, S., and GUTTMANN, S., Lack of Transplacental Passage of Growth Hormone in Rabbits, 831.
LARUE, T., and SPENCER, J. F. T., Production of 4-Imidazole Ethanol from Histamine by *Saccharomyces rouxii*, 729.
LÄUCHLI, A., Kryostatschnittechnik für natives Pflanzengewebe (Pro Experimentis), 335.
LÄUCHLI, A., and SCHWANDER, H., X-Ray Micronalyser Study on the Localization of Minerals in Native Plant Tissue Sections, 503.
LECOCQ, J., Further Observations on the Transesterification Reactions of Ethylene Phosphate with 2-Amino Alcohols, 361.

LECYK, M., The Effect of Hyperthermia Applied in the Given Stages of Pregnancy on the Number and Form of Vertebrae in the Offspring of White Mice, 254.

LÉONARD, A., et DEKNUDT, GH., Réarrangements chromosomiques induits par les rayons X chez les Souris de race AKR Tr., 715.

LÉONARD, A., MAISIN, J. R., and DEKNUDT, GH., Observations effectuées sur une race de rats cataracteus induite par les rayons X, 744.

LEVIN, E., Incorporation of a Metabolically Inert Amino Acid into the Central Nervous System, 746.

LEVINE, L., Tip Potentials in Microelectrodes Filled by Boiling under Reduced Pressure (Pro Experimentis), 559.

LEVINE, L., and PIERONE, R. E., A Unitarian Hypothesis of Altered Reactivity to Stress Mediated by *Bordetella pertussis*, 797.

LIACI, L., Pteridine Derivatives in the Skin of *Lacerta muralis* Laur, 251.

LIN, Y.-T., LIU, K.-T., WANG, K.-T., and WEINSTEIN, B., Phytochemical Studies. Isolation of 5-Ethyltropolone from *Libocedrus formosana*, 140.

LOHMANN, M., Der durch circadiane Frequenzänderung entstehende Fehler bei der Bestimmung von Phasenverschiebungen (Pro Experimentis), 340.

LOHMANN, W., MOSS, A. J. JR., GARLAND, W. B., and WOODALL, D. M., Influence of Serotonin on the Radiation Sensitivity of Lactate Dehydrogenase, 514.

LOMAX, P., The Distribution of Morphine Following Intracerebral Microinjection, 249.

LOMMER, D., Hemmung der Corticosteroid-11β-hydroxylierung durch einen Extrakt aus corpus pineale, 122.

LOMMER, D., und WOLFF, H. P., ACTH-Stimulierung der Corticosteroidbiosynthese durch Freisetzung «gebundener» 21-Desoxypregnene, 654.

LOMMER, D., and WOLFF, H. P., Stimulation of the in vitro Biosynthesis of Corticosteroids by Angiotensin II, 699.

LONI, M. C., Effet de l'ATP sur l'incorporation d'un DNA-H^3 exogène dans les cellules HeLa en culture, 711.

LOPEZ-QUIJADA, C., The Action of Iodoacetate on the Antigenic Power of Insulin, 330.

LOPEZ-QUIJADA, C., Failure of Iodocetate to Protect the Antigenic Power of Insulin from Cystein Inactivation, 587.

LÓPÉZ-SÁEZ, J. F., GIMÉNEZ-MARTÍN, G., and GONZÁLES-FERNÁNDES, A., Relative Velocity of the Division Cycle in Sister Cells, 501.

LOW, M. J. D., Infrared Emmission Spectra of in vivo Human Skin (Pro Experimentis), 262.

LOZZIO, B. B., and MACHADO, E., Biliary Pigment Changes During Sedormid and Allylisopropylacetamide (AIA) Administration, 513.

LUEKEN, W., Zur Evolution der Geschlechtsbestimmung bei *Cylisticus convexus* (Deg.) (Crust. Isop.), 533.

LUNDBORG, P., Storage Function and Amine Levels of the Adrenal Medullary Granules at Various Intervals after Prenylamine Treatment, 59.

LUNDGREN, O., and KAMPP, M., The Wash-Out of Intraarterially Injected Krypton^{85} from the Intestine of the Cat (Pro Experimentis), 268.

LUPULESCU, A., CHIVU, V., and PETROVICI, A., Effect of Aldosterone, Glucagon and Growth Hormone on the Catechol Amine Content and the Evolution of Chromaffin Hyperplasia in Guinea-Pigs, 222.

LÜTZOW, ASTRID V., Die Bedeutung von Plasmafaktoren für die isolierte umströmte Kaninchennetzhaut, 215.

MAC BEAN, I. T., and PARSONS, P. A., The Genotypic Control of the Duration of Copulation in *Drosophila melanogaster*, 101.

MACHA, N., Reticular Fibres in Yoshida's Sarcoma, 221.

MACIEIRA-COELHO, A., Action of Cortisone on Human Fibroblasts in vitro, 390.

MADHAVI, R., Egg-Shell in Paramphistomatidae (Trematoda: Digenea), 93.

MAFFEI, L., and POPPELE, R. E., Electrophysiological Evidence for a Neural Stage in Dark Adaptation, 685.

MALLIANI, A., CARLI, G., MANCIA, G., and ZANCHETTI, A., Excitation of Sham Rage Behaviour by Controlled Electrical Stimulation of Group I Muscle Afferents, 315.

MANNAIONI, P. F., Histamine Release by Passive Sensitization with Murine Neoplastic Mast Cells in vitro, 305.

MANOHAR, M. S., Effect of Excision of Leaf Tissues on the Measurement of their Water Potential with Thermocouple Psychrometer, 386.

MARCHIAFAVA, P. L., and PEPEU, G., The Responses of Units in the Superior Colliculus of the Cat to a Moving Visual Stimulus, 51.

MARKKANEN, T., LEVANTO, A., SALLINEN, V., and SALMELA, E., Folate Deficiency During Antituberculous (PAS-INH) Medication, 692.

MARKKANEN, T., and NÄNTÖ, V., The Effect of Ethanol Infusion in the Calcium-Phosphorus Balance in Man, 753.

MARKWARDT, F., BARTHEL, W., GLUSA, E., und HOFFMANN, A., Der Einfluss von Papaverin auf Funktionen der Blutplättchen, 578.

MASAI, H., KUSUNOKI, T., and ISHIBASHI, H., The Chemoarchitectonics in the Forebrain of Reptiles, 745.

MASNEROVÁ, M., KOLDOVSKÝ, O., and KUBÁT, K., Postnatal Changes in Phosphatase and Non-Specific Esterase Activity in the Large Intestine of the Rat, 518.

MASSON, G. M. C., AOKI, K., and DEODHAR, SH. D., Course of Hypertension During Prolonged Treatment with Heterologous Renin, 531.

MATERAZZI, G., and VITAIOLI, L., Development of the Eggs of *Phallusia mammillata* in Sea-Water Devoid of Sulphate Ions, 435.

MATHAS, B., und MÜLLER, W., Versuche zum Calciphylaxie-Phänomen an HeLa-Zellkulturen, 795.

MATHOT, C., ROTHEN, A., and SCHER, S., Strain Influence on the Immune Response of Mice to the Friend Virus, 833.

MATSUBARA, S., SUTER, HEDI, and AEBI, H., Heterogeneity of Catalase in Blood of Heterocygous Cases of Acatalasia, 428.

MATSUMURA, T., and KAULLA, K. N. VON, Reduced Excretion of Urinary Procoagulant in Uremic Patients, 318.

MATTHEY, R., Nouvelles contributions à la cytogénétique des *Mus* africains du sous-genre *Leggada*, 400.

MATTOO, A. K., MODI, V. V., and PATEL, R. N., Biotin and Fatty Acid Biogenesis in *Aspergillus flavus*, 436.

MCCARTHY, C., and PENNINGTON, G. W., A Preliminary Study of the Immunoelectrophoretic Properties of Pregnant Mare Serum (PMS) Together with its Application to the Diagnosis of Pregnancy in the Mare, 33.

MCCORMICK, F. W., and SCOTT, A., A Protein Fraction in Locust Hemolymph Associated with the Moulting Cycle, 228.

MEGNET, R., The Effect of Fluorouracil and Fluorodeoxyuridine on the Genetic Recombination in *Schizosaccharomyces pombe*, 151.

MEGNET, R., Osmotic Remedial and Osmotic Sensitive Mutants of *Schizosaccharomyces pombe*, 216.

MEHTA, A. R., Auxin Effects on Tracheal Differentiation in Root Callus Tissues in vitro, 300.

MEHTA, P. D., and MAISEL, H., The Effect of Heat on Bovine Lens Proteins, 818.

MEIER-RUGE, W., KALBERER, F., und CELRETTI, A., Mikrohistoautoradiographische Untersuchungen über die Verteilung von tritiummarkierten Phenothiazinen im Auge, 153.

MELLO, W. C. DE, and CHANG, Y. C., Neuromuscular Transmission in *Electrophorus electricus* (L.), 680.

MENDE, T. J., A Technique of Integumental Grafting for Aging Studies (Pro Experimentis), 264.

MENDOZA, L. A., HAMBURGH, M., and LYNN, E., The Effect of Sexual Isolation on Feeding Pattern in Mice, 256.

MENZEL, G. R., und GEISSLER, E., Die Induktion lysogener Bakterien durch Nitrosamide, 800.

MEYER, J. G., Eine verbesserte Methode zur Isolierung von Cocarcinogenen aus Crotonöl und Charakterisierung des neuen Phorbolesters A_3 (Pro Experimentis), 482.

MEYER, R., und GÖTZE, J., Die Zahl der Mitochondrien im Aortenendothel bei experimenteller Stenose, 363.

MEYRATH, J., and AHMED, S. A., Reduction of Incubation Time in Citric Acid Fermentation by Vermiculite, 806.

MIROLLI, M., Advantages of *n*-Heptanol in the Extraction of 5-Hydroxytryptamine (5-HT), 788.

MITCHELL, W. K., and HIMWICH, WILLIAMINA A., Hemodynamic Studies on the Circle of Willis in the Rat, 673.

MIYAGI, M., and FLICKINGER, R. A., Stimulation of Hemin Synthesis in Ehrlich Ascites Tumor Cells by Mouse Liver RNA, 50.

MOLINARO, M., and CUSIMANO-CAROLLO, T., Inhibition of Amphibian Egg Development by Histones, 246.

MOODY, A. J., and FELBER, J.-P., The Effect of Insulin on the Formation of Glycogen by the Mouse Diaphragm in vitro, 241.

MOOS, W. S., and KIM, S. E., Radioprotective Effect of Topically Applied Dimethyl Sulfoxide on Mice, 814.

MORASCA, L., and RAINISIO, C., A Method for Perfusing Tissue Culture with an in vivo System (Pro Experimentis), 337.

MORIN, R. J., The Influence of Estradiol on the Distribution of Exogenous Cholesterol-4-C^{14} in the Rat, 163.
MORITA. Y., Absence of Electrical Activity of the Pigeon's Pineal Organ in Response to Light, 402.
MORON, JACQUELINE, RONDEST, JANINE, et POLONSKY, JUDITH, Sur la biosynthèse des constituants amers des Simarubacées, 511.
MOROSON, H., and NYHEIM, C., Peroxide Formation in Gamma Irradiated Citrate Buffer, 166.
MORTON, JANE I., and SIEGEL, B. V., Role of Heavy Water as Solvent in the Antigen-Antibody Precipitin Reaction, 371.
MUKHERJI, M., Gonadotrophic Control of Lamina propria and Laminar Collagen of Testis, 466.
MÜLLER, E., and PECILE, A., Growth Hormone Resynthesis in the Pituitary after Depletion Induced by a Hypothalamic Extract, 108.
MÜLLER, M., Does Nitrogen Mustard Affect the Foetus Directly or Secondarily by its Effect on the Mother? 247.
MUSAJO, L., RODIGHIERO, G., BRECCIA, A., DALL'ACQUA, F., and MALESANI, G., The Photoreaction Between DNA and the Skin-Photosensitizing Furocoumarins Studied Using Labelled Bergapten, 75.

NABIH, I., Antagonism of Heterocyclic Sulphonamides to the Schistosomicidal Effect of Lucanthone, 446.
NAKANO, J., and SAKATO, M., Competitive Antagonism Between Norepinephrine and Propranolol, 112.
NARBAITZ, R., and ADLER, R., Germ Cell Differentiation in Embryonic Gonads Cultured in Heterosexual Parabiotic Pairs, 677.
NEDERGAARD, O. A., and TAYLOR, D. B., The Uptake by Skeletal Muscle of Tritium Labeled Decamethonium and Dimethyltubocurarine, 521.
NEUHAUS, W., und GOLDENBERG, D. M., Über einige vegetative Reaktionen nach Geruchsreizen beim Menschen, 174.
NEURATH, A. R., Interference of Sodium Ethylenediaminetetraacetate in the Determination of Proteins and its Elimination, 290.
NEURATH, A. R., RUBIN, B. A., and VERNON, S. K., Quantitative Determination of Adenovirus Antigens by Means of a Fluorescent Precipitin Test, 653.

O'BRIEN, L. J., and MOORE, C. M., Connective Tissue Degradation and Distensibility Characteristics of the Non-Living Heart, 845.
OHLIN, P., and PEREC, C., The Effect of Treatment with Parasympatholytics on the Weight of the Submaxillary Gland of Rats, 668.
ORLANDO, E., Thymidine H^3 Incorporation in the Nurse Cells of Amphigonic and Parthenogenetic Ovaries of *Megoura viciae* (Hom. Aph.), 686.
ORENGO, A., On the Incorporation of Urilidate into Cerebro-Cortex Ribonucleic Acid, 404.
OWMAN, CH., and SJÖSTRAND, N. O., On Short Adrenergic Neurons in the Accessory Male Genital Organs of the Bull, 759.

PALLADINI, G., e CARAVITA, S., Ultrastruttura della calcificazione distrofica renale da sublimato, 585.
PANGBORN, R. M., and CHRISP, R. B., Gustatory Responses to Anomeric Sugars, 612.
PANISSET, J.-C., BIRON, P., and BEAULINES, A., Effects of Angiotensin on the Superior Cervical Ganglion of the Cat, 394.
PAPP. J., FÖRSTER, W., SZEKERES, L., and RÖSLER, V., Action of β-Receptor Blocking Sympatholytics and of Catecholamine Depleting Agents on $CaCl_2$-Induced Arrhythmias in Rats, 524.
PARADISI, F., Mitochondrial Changes Induced by Diphtheria Toxin in Chicken Embryo Heart Cell Cultures, 373.
PARTMANN, W., Ein longitudinal verlaufendes Element des Transversalsystems in der Skeletmuskulatur von Guppyi (*Lebistes reticulatus*), 508.
PASTER, Z., REICH, K., BERGMANN, F., and RAHAT, M., Studies on the Growth of *Prymnesium parvum* Carter (Chrysomonadina) and on the Formation of its Toxin (Prymnesin), 790.
PATON, D., and SMITH, J. E., The Effect of Sulphydryl Agents on the Ioxynil-Inhibited Cyclic Photophosphorylation in Chloroplasts of *Vicia faba* L., 734.
PATTERSON, E. L., ANDRES, W. W., and BOHONOS, N., Isolation of the Optical Antipode of Mellein from an Unidentified Fungus, 209.
PAUL, K. G., KUMLIEN, A., and BRODY, S., Studies on Eosinophil Granulocytes. II. The Effect of Cytostatics on the Uterine Response to Oestrogen, 799.
PELEG, J., Growth of *Aedes aegypti* Embryonic Cells and Tissues in vitro (Pro Experimentis), 555.
PENDERS, TH., and ARENS, J. F., Isolation of O-Acetyltyrosylvaline from Pig Neurohypophysis, 722.
PEQUIGNOT, J., et SERFATY, A., Variations de salinité chez les anguilles. Modifications du Qo_2 et des teneurs en cations des tissues hépatiques et rénaux, 121.
PEREIRA, J. N., and HOLLAND, G. F., The Effect of Nicotinamide Adenine Dinucleotide on Lipolysis in Adipose Tissue in vitro, 658.
PETERSEN, O. H., and POULSEN, J. H., Inhibition of Secretion and Secretory Potentials in the Submandibular Gland of the Cat by Acetazolamide, 821.
PETERS, W., Chitin in Tunicata, 820.
PETRY, G., und KÜHNEL, W., Riesenzellen im Chorion laeve des Kaninchens, 443.
PETSCHE, H., und SCHWARTZE, P., Über eine bei jungen Kaninchen während Erregung auftretende hochfrequente mesenzephale Bursttätigkeit, 444.
PHILIPPU, A., und SCHÜMANN, H. J., Aufnahme von α-Methyldopamin und α-Methylnoradrenalin in die Noradrenalin-speichernden Herzgranula, 119.
PIEK, T., The Effect of the Venom of the Digger Wasp Philanthus on the Fast and Slow Excitatory and Inhibitory System in the Locust Muscle, 462.
PIERAU, F. K., and MEISSNER, H. D., A Contribution to the Temperature Sensitivity of Lorenzinian Ampullae of Elasmobranchs, 180.
PIJNACKER, L. P., The Development of Follicle Cells in the Ovarioles of *Carausius morosus* Br. (Orthoptera, Phasmidae), 158.
PILLERI, G., Die zentralnervöse Rangstufe des Blauwals (*Sibbaldus musculus* Linnaeus), 849.
PILNÝ, J., LODIN, Z., und HARTMAN, J., Eine neue Methode der Einstellungsschärfe des Bildes (Pro Experimentis), 334.
PIZZARELLO, D. J., and WOLSKY, A., Carcinogenesis and Regeneration in Newts, 387.
PODRAZKÝ, V., and SEDMEROVÁ, V., Densities of Collagen Dehydrated by Some Organic Solvents, 792.
PODUŠKA, K., GLÖDE, J., LISÝ, V., ŠKODA, J., GROSS, H., and RUDINGER, J., β-Pyrrolo-L-Alanine, a New Antimetabolite of Phenylalanine and Tyrosine in *Escherichia coli*, 809.
POLGÁR, L., S → N Acetyl Migration in Yeast Glyceraldehyde-3-Phosphate Dehydrogenase, 232.
POLSTER, M., Microbiological Assay of Indole in Cultures of *Escherichia coli* and Some Other Microorganisms, 360.
POMPEIANO, O., and MORRISON, A. R., Vestibular Origin of the Rapid Eye Movements During Desynchronized Sleep, 60.
PRADHAN, S., and RANGARAO, P. V., A New Physical Theory of the Mode of Action of DDT (Theoria), 619.
PREISIG, R., GOCKE, D., MORRIS, T., and BRADLEY, S. E., Chronic Hepatic Injury Following Experimental Viral Hepatitis in the Dog, 701.
PŘISTOUPIL, T. I., Comparative Microelectrophoresis of Different Sera on Nitrocellulose Membranes Impregnatet with Tween 60 (Pro Experimentis), 487.
PUTKONEN, P. T. S., Attack Elicited by Forebrain and Hypothalamic Stimulation in the Chicken, 405.

RAAB, W., Die Aktivität der alkalischen Phosphatase im Rattenharn nach Mastzelldegranulierung, 91.
RAAB, W., Die alkalische Phosphatase-Aktivität des Rattenserums nach anaphylaktischem Schock, 317.
RAAB, W., Hydroxyprolin-Ausscheidung im Rattenharn nach Injektion von Schlangengift, 695.
RAAB, W., Renale Enzymausscheidung im anaphylaktoiden Schock nach Verabreichung von ε-Aminocapronsäure, 651.
RAAFLAUB, J., Zur Umwandlung von β-Pyridylcarbinol in Nicotinsäure im tierischen Organismus, 258.
RACKENSPERGER, W., und GRÜSSER, O.-J., Sinuslichtreizung der rezeptiven Felder einzelner Retinaneurone, 192.
RAFFIER, G., Note sur l'activité du nitrothiamidazole dans l'anguillulose, 826.
RAHMANN, H., Zum Vorkommen von RNS im Nervenfaserbereich, 762.
RAMPONI, G., TREVES, C., and GUERRITORE, A., Continuous Optical Assay of Acylphosphatase with Benzoylphosphate as Substrate, 705.
RAO, K. RAMAKRISHNA, and SHANMUGASUNDARAM, E. R. B., Biochemical Genetical Studies on Host-Parasite Relationship. Pathogenicity of Two Mutants of *Fusarium vasinfectum* Atk. on Coton Plants, 138.
RAO, L. S. PRAHLADA, and KOOPMANS, ALIE, A Spindle Analogue in *Saccharomyces cerevisiae* Hansen, 808.

RAY-CHAUDHURI, S. P., RANJINI, P. V., and SHARMA, T., Somatic Chromosomes of the Common Palm Civet, *Paradoxurus hermaphroditus* (Viverridae-Carnivora), 740.
REGAN, J. D., Alkaline Phosphotase in Synchronized Human Cells, 708.
REINERS, W., 7-Hydroxy-4′-methoxy-isoflavon (Formononetin) aus Süssholzwurzel. Über Inhaltsstoffe der Süssholzwurzel. II, 359.
REITER, M., STICKEL, F. J., and WEBER, S., The Influence of the Extracellular Potassium Concentration on the Glycoside Effects Upon Contractile Force and Action Potential Duration of the Guinea-Pig Papillary Muscle, 665.
RÉTEY, J., und ARIGONI, D., Coenzym B_{12} als gemeinsamer Wasserstoffüberträger der Dioldehydrase- und der Methylmalonyl-CoA-Mutase-Reaktion, 783.
RÉTEY, J., UMANI-RONCHI, A., und ARIGONI, D., Zur Stereochemie der Propandioldehydrase-Reaktion, 72.
RÉTEY, J., UMANI-RONCHI, A., SEIBL, J., und ARIGONI, D., Zum Mechanismus der Propandioldehydrase-Reaktion, 502.
REUSSER, F., Demonstration of a Negative Binding Effect of Bovine Growth Hormone Toward Potassium, 309.
REUSSER, F., and KO, H., Fractionation of Highly Purified Bovine Growth Hormone on Sephadex G-25 Gel, 310.
REUTER, A. M., and KENNES, F., Influence of Castration and of Testosterone on Prealbumin in Mouse Serum, 840.
REUTER, H., Über die Abhängigkeit der Acetylcholinwirkung von der äusseren Ca-Konzentration bei isolierten Meerschweinchenvorhöfen, 39.
RINALDI, LUCIANA, Action of Thalidomide on Endosteal Ossification in the Pigeon, 669.
RINDI, G., VENTURA, U., GIUSEPPE, L. DE, and SCIORELLI, G., Phosphorylation of Thiamine in the Intestinal Wall During Absorption in vivo, 473.
RIVNAY, E., The Courting Habits in *Atherigona* spp. (Anthomidae, Dipt.) and the Probable Role of the So-Called 'Clover Leaf Appendage', 761.
ROCKSTROH, W., und HANITZSCH, RENATE, Der Einfluss von Barbituraten auf das ERG der isolierten Froschnetzhaut, 100.
ROSSI, F., and ZOPPI, G., Effect of Menadione on the Phagocytic Activity of Guinea-Pig Polymorphonuclear Leucocytes, 433.
ROSSO, R., PALMA, V., and GARATTINI, S., A Model of a Cerebral Tumour for Studies in Cancer Chemotherapy (Pro Experimentis), 62.
ROTHSTEIN, H., FORTIN, J., and SONNEBORN, D., Inhibition of DNA Synthesis and Cell Division by Actinomycin, D 294.
ROTHWEILER, W., and TAMM, CH., Isolation and Structure of Phomin, 750.
RUBEN, L. N., BALLS, M., and STEVENS, J., Cancer and Super-Regeneration in *Triturus viridescens* Limbs, 260.
RUSSELL, C., Effect of Nitric Oxide and Hydrogen Sulphide on Radiation Sensitivity of Spores of *Bacillus megaterium* in Suspension, 80.
RYBAK, B., RUSKA, H., et RUSKA, C., Ultrastructures nerveuses dans le ventricule du cœur de Grenouille, 735.
RYŠÁNEK, K., ŠVEHLA, C., ŠPÁNKOVÁ, H., and MLEJNKOVÁ, M., The Effect of Drugs Inhibiting the Uptake of Biogenic Amines on Adrenalin Induced Platelet Aggregation, 320.

SADÍLEK, L., Isolation of Homogentisic Acid from Urine of Alcaptonuric Cases by Means of an Anion-Exchanger, 411.
SADIQUE, J., SHANMUGASUNDARAM, RADHA, and SHANMUGASUNDARAM, E. R. B., Isolation of 6,7-Dimethyl-8-ribityl Lumazine from a Riboflavinless Mutant in *Aspergillus nidulans*, 32.
SALEMINK, C. A., SCHURING, F., KERLING, L. C. P., and SCHIPPERS, B., The Isolation of a Phytotoxin from Cultures of *Didymella applanata* (Niessl) *sacc.* 248.
SAMPATH NARAYANAN, A., and SHANMUGASUNDARAM, E. R. B., Biochemical, Genetical Studies on Host-Parasite Relationship: Variation in Fusaric Acid Production with Different Carbon Sources, 427.
SANTAMARIA, LEONIDA, and FLEISCHMANN, L., Photochemical Synthesis of Amino Acids from Paraformaldehyde Catalysed by Inorganic Agents, 430.
SAXENA, R. S., and SHARMA, O. P., Electrometric Studies on the Reaction between Thorium and Alkali Tungstate, 104.
SAXENA, R. S., and SHARMA, O. P., Amperometric Study on Lanthanum Polytungstates, 383.
SCHÄFER, H., Dämpfung des Kältezitterns durch Pentobarbital und Pethidin bei Ratten, 407.
SCHÁNĚL, L., Formation of Red Pigment During Wood Decay Caused by White-Rot Fungi, 517.
SCHATZMANN, H. J., ATP-Dependent Ca^{++}-Extrusion from Human Red Cells, 364.
SCHAUER, P., KRBAVČIČ, A., TIŠLER, M., and LIKAR, M., Relationship between the Chemical Structure of Thiazolidine Acetic Acid Derivatives and the Antiherpetic Activity in Human Embryonic Cell Cultures, 304.
SCHIBLER, D., and FLEISCH, H., Inhibition of Skin Calcification (Calciphylaxis) by Polyphosphates, 367.
SCHINDLER, J., Inhibition of the Infecitve Activity of Phage f_2 and its Infectious RNA by Histone, 159.
SCHOFFA, G., and BÜRK, G. K., Theoretical Interpretation of the Saturation Effect in Irradiated Substances (Theoria), 856.
SCHULLER, L., KEREKES, M., and BEDÖ, C., Biochemical Modifications of the Crystalline Lens in the Experimental Hypercholesteremia of Rabbits, 162.
SCHWARTZ, D. E., Comparative Metabolic Studies with Natulan® Methylhydrazine and Methylamine in Rats, 212.
SCRIABINE, A., and STEBBINS, R. B., Protection of Rats from Isoproterenol Induced Myocardial Necrosis by Tolnitrate Phosphate (Metamine®), 106.
SEKERIS, C. E., Inhibition of Phenoloxidase Catalysed Transformation of Tyrosine to Melanin by Hydroxyphenylcarboxylic Acids, 250.
SHAH, NANDKUMAR S., FOX, L. E., and MARTIN, S. P., Glucose-6-Phosphatase Activity in Experimental Tuberculosis and Following Isoniazid Treatment, 648.
SHAMBERGER, R. J., and RUDOLPH, G., Protection Against Co-Carcinogenesis by Antioxidants, 116.
SHELLEY, W. B., and JUHLIN, L., Cytochemical and Chromatographic Demonstration of Platelet Histamine Release by Antigen-Antibody Reaction in vitro (Pro Experimentis), 412.
SHEMYAKIN, M. M., SHCHUKINA, L. A., VINOGRADOVA, E. I., RADVEL, G. A., and OVCHINNIKOV, YU. A., Mutual Replaceability of Amide and Ester Groups in Biologically Active Peptides and Depsipeptides, 535.
SHIMIZU, N., KAWABATA, K., and KANEDA, M., Charakteristic High Label of Stomach Mast Cells after Subcutaneous Injection of 5-Hydroxytryptamine in Mice, 109.
SIESJÖ, B. K., and PONTÉN, U., Factors Affecting the Cerebrospinal Fluid (CFS) Bicarbonate Concentration, 611.
SIGEL, H., Cu^{2+}-Adeninring-Wechselwirkung in den Cu^{2+}-Komplexen von Adenosin-5′- und Adenosin-3′-monophosphat, 497.
SIGEL, H., und CURTIUS, H. CH., Strukturspezifischer Abbau von Polypeptid-Metall-Komplexen III. Abbau des Ni^{2+}-Angiotensin II-Komplexes durch H_2O_2, 649.
SIJDE, D. V. D., A Simple Device for Measurement of Circular Dichroism in the Visible and Ultraviolet Regions (Pro Experimentis), 622.
ŠIMEK, J., SEDLÁČEK, J., LEJSEK, K., and HAIS, I. M., Succinoxidase Activity of Mitochondria Isolated from the Liver of Rats after Partial Hepatectomy and Hypophysectomy, 150.
SINGH, CHANAN, and MISRA, J., Behavioural Differences Between Native DNA and Denaturated DNA, 599.
SINGH, I., and SINGH, S. I., The Origin of the Action Potential in Frog Stomach Muscle and Heart, 165.
SINGH, U. P., and PAVGI, M. S., Iron Alum as a Mordant in Cytology of Uredinales, 461.
SINHA, R. C., Effect of Starvation on the Concentration of Ascorbic Acid in the Pedipalp Muscle of the Scorpion *Palamnaeus bengalensis*, 221.
SKELTON, F. R., and BERNARDIS, L. L., Effect of Age, Sex, Hypophysectomy and Gonadectomy on Plasma Corticosterone Levels and Adrenal Weights Following the Administration of ACTH and Stress, 551.
SMITH, M. W., Puromycin Inhibition of Changes in Glucose-Evoked Potential Recorded in Goldfish Intestine after Periods of Temperature Acclimatization, 252.
SMITH, M. W., and MORRIS, D., Temperature Acclimatization and Protein Synthesis in the Goldfish Mucosa, 678.
SOLDATI, M., FIORETTI, A., and GHIONE, M., Cytotoxicity of Pederin and Some of its Derivatives on Cultured Mammalian Cells, 176.
SONNENBERG, H., Inulin Loss from Rat Proximal Tubule, 683.
ŠORM, F., MIKEŠ, O., and RYCHLÍK, I., Table of Replaceable Amino Acids in Proteins, 461.
SOUZA SANTOS, HELENA DE, Ultrastructure of a Mucous Gland Cell Found in the Tube Feet of the Starfish *Asterina stellifera*, 812.
SPEISER, Z., GITTER, S., and LARON, Z., Effect of Growth Hormone and Prolactin on Mouse Transplantable Mammary Adenocarcinoma, 523.

SREBRO, Z., Experimentally Produced Ependymal Inclusions in the Brain of *Xenopus laevis*, 847.
SRIVASTAVA, M. P., and TANDON, R. N., Influence of *Botryodiplodia* Infection on the Ascorbic Acid Content of Two Varieties of Guava, 789.
SRIVASTAVA, R. P., On the Digestive Enzymes and the Cytology of Midgut of *Leogryllus bimaculatus* Sauss, 372.
STAFFORD, W. H., and WARD, J. P., The Occurence of 4-Ethyl- and 2,5-Dimethylazulene in Cracking Column Products, 87.
STAMMER, CH. H., and JONES, W. C., Glycine Methoxyamide, Acyclic Analog of Cycloserine, 600.
STEINER, F. A., and MEYER, M., Actions of L-Glutamate, Acetylcholine and Dopamine on Single Neurones in the Nuclei cuneatus and gracilis of the Cat, 58.
STRATES, B. S., Use of Thermal Gravimetry in the Study of Nephroliths, 574.
STÜRCKOW, BRUNHILD, and BODENSTEIN, W. G., Location of the Sex Pheromone in the American Cockroach, *Periplaneta americana* (L), (Studiorum progressus), 851.
SUMMERS, L. A., Comment on the Structure of 3-Alkyl-4-arylazoisoxazol-5-ones, 499.
SVATÁ, M., RAŠKA, K. JR., and ŠORM, F., Interruption of Prognancy by 5-Azacytidine, 53.
SWARUP, SUSHIELA, GHOSH, S. K., and CHATTERJEA, J. B. Stability of Erythrocytic Reduced Glutathione and Nicotinadenine Dinucleotide Phosphate in HbE-Talassaemia Disease, 580.
SZENTIVANYI, M., JUHASZ-NAGY, A., and DEBRECENI, L., Hyperemin, a New Vasoactive Substance which Regulates the Metabolic Responses of the Coronaries, 171.

TAKEYAMA, N., A Quantum Theory of Brownian Movement, (Theoria), 774.
TANNEBERGER, ST., und NEGELEIN, E., Über den zeitlichen Ablauf der Aktivierung von Cyclophosphamid im Menschen und die Testung der zytostatisch aktiven Form an Ehrlich-Mäuse-Aszites-Tumorzellen, 549.
TAPP, E., and LOWE, M. B., Tetracycline Toxicity, 530.
TERRACINI, B., and PALESTRO, G., Effects of Two Nephrotoxic Agents on New-Born Rats, 297.
THIERCELIN, P.-C., QUINTARD, B., et SAINT-BLANCARD, J., Précipitation de fractions protéiques du sérum par la chlorpromazine, 226.
THÖNI, H., Die Bildung eines rotbraunen Pigmentes durch Mikroorganismen bei Abwesenheit von Tryptophan in der Nährlösung, 376.
TOMITA, G., and KIM, S. S., Substrate Effect on Riboflavin-Sensitized Photoinactivation of Taka-Amylase A, 27.
TOMITA, G., and KIM, S. S., Protective Action of Substrate from Heat Inactivation of Taka-Amylase A, 366.
TOMITA, G., and KIM, S. S., Inhibition of Aggregation of Heat-Denaturated Taka-Amylase A by Substrate, 392.
TOMONAGA, M., Demonstration of Sarcoplasmic Reticulum of Skeletal Muscle by Hematoxylin, 92.
TORREGIANI, G., LENAERS, A., FEDERIGHI, G., MENICHINI, G., BARTOLOMEI, G., and DONATO, L., Comparison of the Precordial Method with Single Injection of Rb-86 with Nitrous Oxide Method for Measurement of Coronary Blood Flow (Pro Experimentis), 126.
TÓTH, S., and CSABA, B., The Effect of Thyroid Gland on 5-Hydroxytryptamine (5-HT) Level of Brain Stem and Blood in Rabbits, 755.
TRAUT, W., Eine Mutante mit vergrösserten Männchen-Eiern bei *Dinophilus gyrociliatus* (Archiannelida), 237.
TSUKUHARA, N., and KOSAKA, K., The Mode of Cerebral Activation of the Nucleus Neurones, 193.
TUOMI, J., A Microorganism Affecting Bovine Platelets, 458.
TÜRKER, K. R., and KHAIRALLA, P. A., Action of Eledoisin on Isolated Vascular Strips, 696.
TUROLLA, E., MAGRINI, U., and GAETANI, M., Histochemistry of Ovarian 20α-Hydroxysteroid Dehydrogenase in the Rat During the Estrus Cycle, 675.

UDDENBERG, N., Studies on Modality Segregation and Second-Order Neurones in the Dorsal Funiculus, 441.
UEHLINGER, VERENA, Facteurs influençant la fertilité des mâles de *Xenopus laevis* D. (Batracien anoure), (Pro Experimentis), 556.

VALCANA, THEONY, VERNADAKIS, ANTONIA, and TIMIRAS, PAOLA S., Electrolyte Content of the Cerebral Cortex in Developing Rats after Prenatal X-Radiation, 608.
VALENTINUZZI, M., FERRARESI, W. R., and VAZQUEZ, T., Culture of Macrophages under Homogenous Static Magnetic Field, 312.
VARGAFTIG, B., Effet des Analgésiques non narcotiques sur l'hypotension due à la Bradykinine, 182.
VERMA, K., and KING, DOROTHY W., Succinic Dehydrogenase and Isocitric Dehydrogenase Activities in Vitamin E-Sufficient and -Deficient Fetal Rats, 164.
VERNE, J., et HERBERT, S., Le fer dans les villosites intestinales du Cobay en carence protidique, 500.
VIDMAR-CVJETANOVIC, B., GAUDIN, P., LOZERON, H., and JADASSOHN, W., Induced Grisofulvin. Resistance of *Achorion quinckeanum* in vitro and in vivo, 737.
VIOLA-MAGNI, M. P., and PUCCINELLI, E., Postnatal Variations of the Dry Mass of Neuronal Nuclei of the Spinal Cord in Rat and Guinea-Pig, 328.
VISWANATHAN, M. A., et TURIAN, G., Teneur de gamètes mâles et femelles d'*Allomyces* en acides nucléiques et composition comparée d'une fraction saline de l'acide ribonucléique des gamétanges, 377.
VITO, E. DE, and SANTOMÉ, J. A., Disc Electrophoresis of Proteins in the Presence of Sodium Dodecyl Sulphate, (Pro Experimentis), 124.
VOCHTEN, R. F., and SCHAEPDRYVER, A. F. DE, Differential Fluorimetric Estimation of Adrenalin and Noradrenalin, (Pro Experimentis), 772.
VOLPE, V., About a Possible Participation of Nucleic Acids in Synaptic Transmission, 615.

WALDBOTT, G. L., Fluoride and Calcium Levels in the Aorta, 835.
WAGNER-JAUREGG, TH., HÄUSLER, G., und DEMOLIS, A., Heilmittelchemische Studien mit Dien-Additionsprodukten V: Über die coronardilatierenden Eigenschaften einer neuen Klasse von Aminen, 288.
WATSON, D., Chromogenicity of SAKAGUCHI Products of Monosubstituted Guanidines and Histidine, 76.
WEAVER, L. C., JONES, W. R., and BOCKSTAHLER, E. R., Structure Activity Relationships of some Centrally Active Dialkyl Substituted Propanediol Sulfites, 15.
WECHSLER, W., und SCHMEKEL, L., Elektronenmikroskopischer Nachweis spezifischer Grana in den Sympathicoblasten der Grenzstrangganglien von Hühnerembryonen, 296.
WEIHE, W. H., Das Körpergewicht der Ratte als Parameter zur Bestimmung der Höhenadaption, 697.
WIEGERSHAUSEN, B., und HENNIGHAUSEN, G., Gefässkonstriktion durch synthetisches Bradykinin und ihre pharmakologische Beeinflussbarkeit, 234.
WIEGERSHAUSEN, B., und REINCKE, A., Einfluss von synthetischem Bradykinin und Kallidin auf die Chemoreceptoren, der Gefässe der hinteren Extremität der Katze, 90.
WIRTZ, G. H., and BROOKE, R. C., The Terminal Transformation of Immune Complement; Comparison of Human and Guinea-Pig C'3, 313.
WOODHOUSE, D. L., The Alkaline Ribonuclease of Rat Serum During Administration of 4-Dimethylaminoazobenzene and Copper Oxyacetate, 810.

YOSHIDA, M., YAJIMA, K., and UNO, M., Different Activation of the Two Types of the Pyramidal Tract Neurones Through the Cerebello-Thalamocortical Pathway, 331.

ZACHAR, J., and ZACHAROVÁ, DARIA, The Length-Tension Diagram of Single Muscle Fibres of the Crayfish, 451.
ZATTI, M., and REVOLTELLA, R., Tumour Immunity in Rats Following Injection of Homologous Ribosomes, 467.
ZATTI, M., and ROSSI, F., Mechanism of the Respiratory Stimulation in Phagocytosing Leucocytes. The KCN-Insensitive Oxidation of $NADPH_2$, 758.
ZEBE, E., Zur Spaltung von Adenosintriphosphat durch die Z-Scheiben der indirekten Flugmuskeln von *Phormia regina* (Diptera), 96.
ZÍCHA, B., LEJSEK, K., BENEŠ, J., and DIENSTBIER, Z., Enhancement of Oxidation Products of Lipids in Liver Mitochondria of Whole-Body Irradiated Rats, 712.
ZWILLENBERG, L. O., and KNAPP, W., Rapid Electron Microscopic Sampling of Single Bacteriophage Plaques (Pro Experimentis), 483.
ZWISLER, O., Über die Hemmbarkeit der Ophio-*l*-Aminosäureoxydase durch Antiserum, 591.

Studiorum progressus - Cogitationes - Studia nova

DONATI, R. M., WARNECKE, M. A., and GALLAGHER, N. I., The Effect of Acute Starvation on Thyroid Function in Rodents (Studiorum progressus), 270.

KIHLSTRÖM, J. E., A Sex Cycle in the Male (Studiorum progressus), 630.

ODELL, W. D., SWAIN, R. W., BOWERS, C. Y., and SCHALLY, A. V., Radiation Inactivation of Purified Lysine Vasopressin (Studiorum progressus), 342.

SIMON, J., Estimation de la redondance de figures de contour (Cogitationes), 198.

WASI, SAFIA, URIUHARA, T., TAICHMANN, N. S., MURRAY, R. K., and MOVAT, H. Z., Proteolytic Activity in the Serum of Rabbits During Anaphylaxis (Studiorum progressus), 196.

WELTMAN, A. S., and SACKLER, A. M., Timidity and Metabolic Elimination Patterns in Audiogenic-Seizure Susceptible and Resistant Female Rats (Studiorum progressus), 627.

Actualitas

Addendum, 560.
Congressus, 128, 200, 272, 416, 488, 560.
Corrigendum, 344, 776.

TABLE ALPHABÉTIQUE DES MATIÈRES - SACHREGISTER
INDICE ALFABETICO GENERALE - INDEX OF SUBJECTS

A = Generalia · B = Specialia · C = Studiorum progressus - Cogitationes - Studia nova

Confecit R. JAEGER, Mainz

Acatalasia; heterogeneity of catalase in blood of heterozygous cases of acatalasia, *B* 428.

Acetate oxidation, v. Cystamine inhibition.

Acetazolamide, v. Secretory potentials.

Acetyl-CoA synthetase; the activities of citrate cleavage enzyme acetyl-CoA synthetase and lipoprotein lipase in white and brown adipose tissue and the liver of the rat during development, *B* 706.

Acetylcholine content and choline-acetyltransferase activity in human sceletal muscle, *B* 596.

Acetylcholine, v. Glutamate.

–, v. Perchlorate.

Acetyl migration, v. Glyceraldehyde-3-phosphate dehydrogenase.

Acetyl salicilic acid, v. Methanol metabolism.

Acetyl migration, v. Glyceraldehyde-3-phosphate dehydrogenase.

Acetyl salicilic acid, v. Methanol metabolism.

Acetylcholinesterase hepatic; the reticulo-endothelial localization of hepatic acetylcholinesterase, *B* 25.

Acetylcholinesterase inactivation, v. 2-Aminoethylisothiouroniumbromide.

Acetylcholinwirkung; über die Abhängigkeit der Acetylcholinwirkung von der äusseren Ca-Konzentration bei isolierten Meerschweinchenvorhöfen. *B* 39.

Acetyltransferase activity; rate of fall of choline acetyltransferase activity in denervated diaphragms as dependent on the length of the degenerating nerve, *B* 725.

O-Acetyltyrosylvaline; isolation of O-acetyltyrosylvaline from pig neurphypophysis, *B* 722.

Acheta domesticus L, v. Neurosekretion.

Acid lysis, v. 2-Aminoethylisothiouroniumbromide.

Acrilflavine; difference in the action of acrilflavine and hydroxyurea on synthesis of macromolecules in a mammalian cell system in vitro, *B* 509.

ACTH, v. Corticosterone.

ACTH-Stimulierung der Corticosteroidbiosynthese durch Freisetzung «gebundener» 21-Desoxypregnene, *B* 654.

Actinomycin D, v. DNA Synthesis.

–; effect of actinomycin D on mice infected with the lactate dehydrogenase virus, *B* 823.

Action potential; the origin of the action potential in frog stomach muscle and heart, *B* 165.

Activity recorder; an electronic animal activity recorder, B 127.

Acylphosphatase; continous optical assay, acylphosphatase with benzoylphosphate as substrate, *B* 705.

Addendum, *B* 560.

Adelphocoris lineolatus, v. Diapause.

Adenocarcinoma, v. Growth hormone.

Adenoma Nr. 1, v. Ibenzmethyzin hydrochloride.

Adenosin-3-Monophosphat, v. Cu^{2+}-Adeninring Wechselwirkung.

Adenosintriphosphat; zur Spaltung von Adenosintriphosphat durch die Z-Scheiben der indirekten Flugmuskeln von *Phormia regina* (Diptera), *B* 96.

Adenosintriphosphorsäure; der Einfluss der Adenosintriphosphorsäure auf die Strahlenpneumonitis, *B* 147.

Adenovirus antigens; quantitative determination of adenovirus antigens by means of a fluorescent precipitin test, *B* 653.

Adipose tissue, v. Acetyl-CoA synthetase.

–, v. Lipolysis.

–, v. Ribonucleic acid content.

Adrenal glands, v. H^3 Tyrosine.

Adrenal medulla, v. Lysosomes.

Adrenal medullary granules, v. Prenylamine.

Adrenal weights, v. Corticosterone.

Adrenalin; die therapeutische Wirkung von Adrenalin und Alupent nach letaler Röntgenganzkörperbestrahlung, *B* 542.

–; differential fluorometric estimation of adrenalin and noradrenalin, *B* 772.

–, v. Platelet aggregation.

Adrenergic and cholinergic axons in the mouse iris, B 218.

Adrenocorticotropic action, v. Pentacosapeptide.

Adrenoephedrine, v. Vaginal cornification.

Aedes aegypti; growth of *Aedes aegypti* embryonic cell and tissues in vitro, *B* 555.

Age, v. Corticosterone.

Age differences, v. Formalin.

Age of reproduction, v. Learning.

Aging studies, v. Grafting.

Alangium lamarckii; chemical investigations of *Alangium lamarckii*. II. Isolation of choline from the leaves, *B* 287.

–; chemical investigations of *Alangium lamarckii*. III. isolation of steroids and terpenoids from the leaves, *B* 647.

Alanine transaminase activity; changes in alanine transaminase activity in the liver of riboflavin-deficient rats, *B* 794.

Alcaptonuric cases, v. Homogentisic acid.

Aldosterone, v. Catechol amine content.

Alkali tungstate, v. Thorium.

Alkaloid content, v. Gibberellic acid.

Alkohols, v. Ethylene phosphate.

3-Alkyl-4-arylazoisoxazol-5-ones; comment on the structure of 3-alkyl-4-arylazo-isoxazol-5-ones, *B* 499.

Allergic encephalomyelitis-globulin, v. Brain.

Allomyces, v. Gamète.

Alloxan diabetic rats, v. Hypoglycaemic activity.

Allylisopropylacetamide, v. Biliary pigment.

Alupent, v. Adrenalin.

Amine; v. Dien-Additionsprodukte.

Amine levels, v. Prenylamine.

Amino acid; incorporation of a metabolically inert amino acid into the central nervous system, *B* 746.

Amino acid-copper complexes; thin layer chromatography and rf values of amino acid-copper complexes in phenol/water, *B* 668.

Amino acid sequences; the isolation and amino acid sequences of new pyroglutamylpeptides from snake venoms, *B* 49.

Amino acids; incorporation of (^{14}C) amino acids into liver S-RNA of chick, effect of orotic acid and vitamin B_{12}, *B* 456.

–, photochemical synthesis of amino acids from paraformaldehyde catalysed by inorganic agents, *B* 430.

–, table of replaceable amino acids in proteins, *B* 461.

p-Aminobenzamidine as inhibitor of trypsinogen activation, *B* 73.

Amino butyrate pyruvate transaminase in plants, *B* 789.

ε-Aminocapronsäure, v. Enzymausscheidungen.
Aminocyclopentanecarboxylic acid; some evidence for pancreatic adrenal interaction following lethal doses of 1-aminocyclopentanecarboxylic acid, *B* 97.
2-Aminoethylisothiouroniumbromide; normal human red cells treated with 2-aminoethylisothiouroniumbromide (AET). Acetylcholinesterase inactivation and susceptibility to acid lysis in vitro, *B* 731.
Anaemia, v. Uraemia, chronic.
Analgésique, v. Hypotension.
Anaphylaktoider Schock, v. Phosphatase Aktivität.
Anaphylaxis; proteolytic activity in the serum of rabbits during anaphylaxis, *B* 196.
Aneuploidy, v. Polyploidy.
–; spontaneous occurrence of aneuploidy in the male germ cells of *Naja tripidians*, *B* 815.
Angiotensin; effect of angiotensin II and epinephrine infusion on juxtaglomerular cell granularity and arteioles of the rat kidney, *B* 547.
Angiotensin II, v. Corticosteroids.
–; effects of angiotensin on the superior cervical ganglion of the cat, *B* 394.
–, v. Proteinase.
–; sodium concentration and the effect of angiotensin II on ileal smooth muscle, *B* 291.
Angiotensin vasopressive effect; further observations of the angiotensin vasopressive effect in rabbits, *B* 478.
Anguilles, v. QO_2.
Anguillulose, v. Nitrothiamidazole.
Anilines; in vivo oxidative coupling of anilines and phenolic anilines, *B* 210.
Anionenkonzentrationen, erythrocytäre; erythrocytäre Anionenkonzentrationen bei renaler Insuffizienz, *B* 830.
Anoxic ischaemic cell, v. Brain.
Anthropometric data, v. Cholexterol.
Antibacterial activity, v. Coumarins.
Antibodies, v. Oxytocin.
Antigen antibody precipitin reaction, v. Heavy water.
Antigen antibody reaction, v. Histamine release.
Antigen, bacterial; transfer of the immunization to a bacterial antigen by RNA, *B* 603.
Antioxidants, v. Cocarcinogenesis.
Antiserum, v. Acsites cells.
Aorta, v. Fluoride.
Aortenendothel, v. Mitochondrien.
Apes, v. Leucocytes.
Aphid; permanent culture of an aphid on a totally synthetic diet, *B* 832.
Apomorphine; v. Dopamine.
Aqueous humor, flow; measurements of the flow of aqueous humor according to a new principle, *B* 773.
Arrhythmias, v. β-Receptor blocking sympatholytics.
Arterial wall, v. Monoamine.
Arterioles, v. Angiotensin.
Arylthio-acetohydroxamic acids, v. Catalase.
Ascites cells; the influence of antiserum on the metastasis of ascites cell from the Yoshida sarcoma, *B* 300.
Ascorbic acid; effect of starvation on the concentration of ascorbic acid in the pedipalp muscle of the scorpion *Palamnaeus bengalensis*, *B* 221.
–; histotopochemistry of ascorbic acid during the formation of carrageenin granuloma, *B* 716.
–; influence of *Botryodiplodia* infection on the ascorbic acid content of two varieties of *guava*, *B* 789.
L-Ascorbic acid, v. Phosphoryl esters.
Ascorbinsäure, v. TEE-Methode.
Aseptic autolysis; phospholipid catabolism in some organs of rabbit during aseptic autolysis, *B* 314.
Aspergillus flavus, v. Biotin.
Aspergillus nidulans, v. 6,7-Dimethyl-8-ribityl lumazine.
Asterina stellifera; ultrastructure of a mucous gland cell found in the tube feet of the starfish *Asterina stellifera*, *B* 812.
Atherigona, v. Courting habits.
ATP-dependent Ca^{++}-extrusion from human red cells, *B* 364.
ATP; effet de l'ATP sur l'incorporation d'un DNA-H^3 exogéne dans les cellules HeLa en culture, *B* 711.
ATPase, v. Calcium.
ATPase in the normal and dystrophic developing retina of the rat, *B* 720.
Au 198, v. Polyploidy.
Aucubin, v. Verbenalin.
Auge, v. Phenothiazine.
Aurelia aurita, v. Strobilae.
Autohemolysis, v. Uraemia, chronic.
Auxin effects on tracheal differentiation in root callus tissues in vitro, *B* 300.
5-Azacytide; interruption of pregnancy by 5-azacytidine, *B* 53.

B. pertussis, v. Tuberculin reaction.
Bacillus megaterium, v. Nitric oxide.
Bacillus popilliae, v. Spores.
Bacillus subtilis, v. Proteinase.
Bacillus thuringiensis, v. Exotoxin.
Bacteria; growth of some chemoautotrophic bacteria at different oxygen tensions, *B* 229.
Bakterien, v. Nitrosamide.
Bacteriophage plaques; rapid electron microscopic sampling of single bacteriophage plaques, *B* 483.
Bacteriophages; isolation of bacteriophages from the bovine rumen, *B* 717.
Bacterium anitratum; unusual cell from *Bacterium anitratum* produced by sulfonamides, *B* 149.
Barbiturat; der Einfluss von Barbituraten auf das ERG der isolierten Froschnetzhaut, *B* 100.
Barbiturateffekt; der Nachweis des Barbiturateffektes an der isolierten Warmblüternetzhaut, *B* 98.
Benzoylphosphate, v. Acylphosphatase.
Bicarbonate concentration, v. Cerebrospinal fluid.
Biliary pigment changes during sedormid and allylisopropylacetamide (AIA) administration, *B* 513.
Biliary secretion, v. Ethionine.
Bilirubin; on the stability of bilirubin, *B* 14.
–; the distribution of bilirubin in rat liver fractions, *B* 382.
Binary fission, v. *Spirostomum dharwarensis*.
Biogenic amines, v. Platelet aggregation.
Biotin and fatty acid biogenesis in *Aspergillus flavus*, *B* 436.
Blauwal, v. *Sibbaldus musculus*.
Blood groups and the dependence of the glycoproteid values (bound hexoses) on the values of total blood serum proteins in man, *B* 170.
Blood platelets; fibrils in human blood platelets, *B* 710.
Blood serum proteins, v. Blood groups.
Blutplättchen, v. Papaverin.
Bordetella pertussis, v. Stress.
Borrelidins; die Konstitution des Borrelidins, *B* 355.
Botryodiplodia infection, v. Ascorbic acid.
Bowel, v. Surface microscopy.
Bradykinin; Einfluss von synthetischem Bradykinin und Kallidin auf die Chemoreceptoren der Gefässe der hinteren Extremität der Katze, *B* 90.
–; Gefässkonstriktion durch synthetisches Bradykinin und ihre pharmakologische Beeinflussbarkeit, *B* 234.
Bradykinin analogue, v. Phyllokinin.
Bradykinine, v. Hypotension.
Brain; effect of experimental allergic encephalomyelitis γ-globulin upon the electrical activity of the brain, *B* 459.
Brain; experimentally produced ependymal inclusions in the brain of *Xenopus laevis*, *B* 847.
–; evidence for early anoxic ischaemic cell damage in the rat brain, *B* 546.
–; v. Formalin.
Brain cortex, v. Pyruvate carboxylase.
Brain lesions; effect of brain lesions on hypothalamic noradrenalin in rats, *B* 192.
Brain stem; monosynaptic excitation of spinal γ-motoneurons from the brain stem, *B* 691.
Brain to body relationships in ontogeny of canine brain, *B* 111.
Brenzkatechin, v. Quarz.
Brenzcatechinamine; subzelluläre Verteilung der Brenzcatechinamine in Herz und Nebennieren von Meerschweinchen nach Vorbehandlung mit 1-α-methyl-Dopa, *B* 22.
–; über die Brenzkatechinamine im Froschherzen und in der Froschhaut vor und nach Verabfolgung von α-Methyldopa, *B* 42.
Brownian movement; a quantum theory of brownian movement, *B* 774.
Brucella suis, immunoelectrophoretic analysis of *Brucella suis*, *B* 825.
Bufo vulgaris, v. Sialopolysaccharidic components.
Bursttätigkeit; über eine bei jungen Kaninchen während Erregung auftretende hochfrequente mesenzephale Bursttätigkeit, *B* 444.

C-fibers, v. Pulmonary receptors.
Ca^{++}, v. ATP.
–; direct action of extracellular Ca ions on skeletal muscle, *B* 713.
Ca-Konzentration, v. Acetylcholinwirkung.

Cadmium chloride; action of cadmium chloride on sensory ganglia, *B* 261.
Caffeine; deposition of fat in the liver following administration of caffeine, *B* 589.
Calcificazione distrofica renale; ultrastruttura della calcificazione distrofica renale da sublimato, *B* 585.
Calcinose cutanée, v. Calciphylaxie.
Calciphylaxie; la structure submicroscopique des dépots de substance minérale dans la calcinose cutanée expérimentale *B* 18.
–; Versuche zum Calciphylaxie-Phänomen an HeLa Zellkulturen, *B* 795.
Calciphylaxis, v. Skin calcification.
Calcium; fluorometrische Bestimmung von Mikromengen Calcium in Muskelgeweben, *B* 553.
–, v. Pantothenic acid.
–; zur Wirkung des Calciums auf die Myofibrillen ATPase des Herzmuskels, *B* 183.
–, v. Fluoride.
Calcium phosphate, v. Hemocyanin.
Calcium phosphorus balance, v. Ethanol infusion.
Callus tissues, v. Auxin effects.
Cancer and super regeneration in *Triturus viridescens* Limbs, *B* 260.
Cancer chemotherapy, v. Cerebral tumour.
Canine brain, v. Brain.
Carbohydrase; Unterschiede in der Carbohydrasenausrüstung der Entwicklungsstadien von *Melolontha melolontha* L., *B* 231.
Carcinogenesis and regeneration in newts, *B* 387.
Carnosine; occurrence of carnosine in skin of certain leptodactylid frogs, *B* 764.
Castor bean varieties; the effect of leafhopper infestation on the respiration of castor bean varieties in relation to their resistance to *Empoasca flavescens* (F) (Homoptera Jassidae), *B* 445.
Castration; influence of castration and of testosteron on prealbumin in mouse serum, *B* 840.
Catalase, v. Acatalasia.
–; inhibition of catalase by (arylthio) acetohydroxamic acids, *B* 646.
Catalase induction, v. Phage infection.
Cataract; observations effectuées sur une race de rats cataracteux induite par les rayons X, *B* 744.
Catechol amine content; effect of aldosterone glucagon and growth hormone on the catechol amine content and the evolution of chromaffin hyperplasia in guinea pigs, *B* 222.
Catecholamine, v. β-Receptor blocking sympatholytics.
Cation transport in normal human red cells treated with sulfhydryl compounds, *B* 32.
Cations, v. QO_2.
Cell division, v. DNA Synthesis.
–, v. Sister cells.
Cell-morphology; dependence of the cell morphology of *Vitreoscilla* on the temperature of incubation, *B* 804.
Cellular response; v. Cerebral lesions.
Central nervous system; effect of large mesencephalic-diencephalic lesions on the noradrenalin, dopamine and 5-hydroxytryptamine neurons of the central nervous system, *B* 842.
Cerebello thalamocortical pathway, v. Pyramidal tract neurones.
Cerebral activation; the mode of cerebral activation of red nucleus neurons, *B* 193.
Cerebral blood flow, v. Cerebral transit time.
Cerebral lesions; age differences in the cellular response to cerebral lesions in the dog and mouse, *B* 54.
Cerebral transit time; relationships between cerebral transit time of non-diffusible indicators and cerebral blood flow. A comparative study with krypton and radioalbumin, *B* 189.
Cerebral tumour; a method of a cerebral tumour for studies in cancer chemotherapy, *B* 62.
Cerebrospinal fluid, v. Homovanillic acid.
–, v. 5-Hydroxyindoleacetic acid.
Ceruloplasmin in human semen, *B* 507.
Charge distribution; survey of the methods for the determination of charge distribution in electronically excited molecules, *A* 65.
Chemoreceptoren, v. Bradykinin.
Chick, v. Feathering.
Chick embryo; microelectrode studies of spontaneous potentials from chick embryo telencephalon in vitro, *B* 439.
–, v. Grafting.
Chicken, v. o,p-DDD.
Chitin in *Tunicata*, *B* 820.
Chloramphénicol; effet d'analoques du chloramphénicol sur la differenciation de l'oeuf de l'oursin *Paracentrotus lividus*, *B* 724.
Chloroplast; the photosynthetic energy conversion process in isolated chloroplasts, *A* 273.
Chloroplasts, v. Photophosphorylation.
Chlorpromazine; chlorpromazine and fur shaking in mice, *B* 360.
–; précipitation de fractions protéiques du sérum par la chlorpromazine, *B* 226.
–, v. Dopamine turnover.
Cholesterol; Serum cholesterol, anthropometric, electrocardiographic and dietary data in men living under very similar conditions, *B* 597.
–; oxidation of cholesterol by rat liver mitochondria: influence of deuterium oxide, B 84.
–, v. Sterols.
Cholesterol-4-C^{14}, v. Estradiol.
Choline, v. *Alangium lamarckii*.
Cholin-acetyltransferase, v. Acetylcholin content.
Choline salicylates; effect of choline salicylates and some other analogues of salicylic acid on the replication of EMC virus in vitro, *B* 322.
Chorion laeve, v. Riesenzellen.
Chromaffin hyperplasia, v. Catechol amine content.
Chromatin, v. DNA.
Chromogenicity, v. Guanidines.
Chromosome complement; the chromosome complement of *Nasalis larvatus* (Wurm 1781), *B* 797.
Chromosome number; changes of chromosome number in cells of *Drosophila melanogaster* cultured in vitro, *B* 144.
Chromosome number and sex chromosome mechanism in some more species of the indian mantids, *B* 457.
Chromosomen; polytäne chromosomen im Bereich der Prothoracal-dorsal-Imaginalscheibe von *Drosophila melanogaster*, *B* 293.
Chromosomes, human; association of human satellited chromosomes, *B* 223.
Chromosomes; réarrangement chromosomiques induit par les rayons X chez les souris de race AKR/Tr, *B* 715.
–; somatic chromosomes of the common palm civet, *Paradoxurus hermaphroditus*, *B* 740.
–, v. Deoxyfluouridine.
Cichorium intybus, v. Naringenin.
Cidre acid fermentation, v. Vermiculite.
Circadian rhythm; periodicity of a circadian rhythm in birds by species specific song cycles, *B* 765.
Circle of willis; hemodynamic studies in the circle of willis in the rat, *B* 673.
Citrate buffer, v. Peroxide formation.
Claviceps purpurea, v. Ergotamine.
Clover leave appendage, v. Courting habits.
$C^{14}O_2$; autotrophic incorporation of $C^{14}O_2$ in *Cuscuta australis* in relation to its parasitism, *B* 46.
Cocarcinogene; eine verbesserte Methode zur Isolierung von Cocarcinogenen aus Crotonöl und Charakterisierung des neuen Phorbolesters A, B 482.
Cocarcinogenesis; protection against cocarcinogenesis by antioxidants, *B* 116.
Coenzyme A, v. Pantothenic acid.
Coenzym B_{12} als gemeinsamer Wasserstoffüberträger der Dioldehydrase- und der Methylmalonyl-CoA-Mutase-Reaktion, *B* 783.
Cogitationes, *B* 198.
Collagen; densities of collagen dehydrated by some organic solvents, *B* 792.
Collages, v. α, α'-Dipyridyl
Color preference; mirror-image color preferences for background and stimulus object in the gull chick (*Larus atricilla*), *B* 257.
Complement; the terminal transformation of immune complement; comparison of human and guinea pig C 3, *B* 313.
Congressus, *B* 128, 200, 272, 416, 488, 560.
Connective tissue degradation, v. Heart.
Copulation; the genotypic control of the duration of copulation in *Drosophila melanogaster*, *B* 101.
Coronardilatation, v. Dien-Additionsprodukte.
Coronaries, v. Hyperemin.
Coronary blood; comparison of the precordial method with single injection of RB-86 with nitrous oxide method for measurement of coronary blood flow, *B* 125.
Corps calleux; le corps calleux dans la dynamique cérébrale, *A* 201.
Corpus pineale, v. Corticosteroid-11β-Hydroxylierung.

Corpus striatum, v. Synaptic excitation.
Corrigenda, *B* 344, 776.
Cortex, cerebral, v. X-radiation.
Cortical potentials, v. Photic stimulations.
Corticosteroid-11β-hydroxylierung; Hemmung der Corticosteroid-11β-Hydroxylierung durch einen Extrakt aus *Corpus pineale*, *B* 122.
Corticosteroidbiosynthese; v. ACTH-Stimulierung.
Corticosteroids; stimulation of the in vitro biosynthesis of corticosteroids by angiotensin II, *B* 699.
Corticosterone; effect of age, sex, hypophysectomy and gonadectomy on plasma corticosterone levels and adrenal weights following the administration of ACTH and stress, *B* 551.
Corticotrophin; biological characterization of a new and highly potent synthetic analogue of corticotrophin, *B* 527.
Corticotropin; labelling of corticotropin with iodine 125, *B* 63.
D-ser^1-Nle^4-(Val-NH_2)^{25}-β-Corticotropin (1–25); synthesis of D-ser^1-Nle^4-(Val-NH_2)^{25}-β-corticotropin (1–25) a highly potent analogue of ACTH, *B* 625.
Cortisone; action of cortisone on human fibroblasts in vitro, *B* 390.
Coumarins; some relations between the structure and the antibacterial activity of natural coumarins, *B* 38.
Courting habits; the courting habits in *Atherigona spp.* and the probable role of the so called clover leave appendage, *B* 761.
Crayfish, v. Muscle fibres.
Crenilabrus-Blau; über die farbgebende Gruppe von Crenilabrus-Blau, *B* 298.
Crotonöl; Cocarcinogene.
Crustacés, v. Sérotonine.
Crystalline lens, v. Hypercholesteremia.
Crystallization; diffraction lattices in precious opal. An example of crystallization from supra-molecular elements, *A* 129.
Cu^{2+}; Adeninring Wechselwirkung in den Cu^{2+}-Komplexen von Adenosin-5- und Adenosin-3-Monophosphat, *B* 497.
Cu^{2+}-Polymyxin-B-Komplex; strukturspezifischer Abbau von Polypeptid-Metall-Komplexen. V. Abbau des Cu^{2+}-Polymyxin-B-Komplexes durch NH_2OH, *B* 784.
Cuscuta australis, v. $C^{14}O_2$.
Cyclophosphamid; über den zeitlichen Ablauf der Aktivierung von Cyclophosphamid im Menschen und die Testung der zytostatisch aktiven Formen an Ehrlich-Mäuse-Aszites Tumorzellen, *B* 549.
Cylisticus convexus, v. Geschlechtsbestimmung.
Cystamine inhibition of enzyme induction and acetate oxidation in *Pseudomonas aeruginosa* and reversal by high salt concentrations, *B* 801.
Cystein inactivation, v. Insulin.
Cytostatics, v. Eosinophil granulocytes.

Dark adaptation; electrophysiological evidence for a neural stage in dark adaptation, *B* 685.
o,p-DDD; the effect of o,p-DDD in the chicken, *B* 179.
DDT; a new physical theory of the mode of action of DDT, *B* 619.
–; investigations on the effects of chronically administered small amounts of DDT in mice, *B* 748.
Decamethonium, v. Skeletal muscle.
Dehydration, v. Hepatic glycogen.
Deiters' nucleus, v. Gastrognemius muscle.
Denervation atrophy; enzyme changes in the control muscle, *B* 173.
Deoxyfluorouridine; on combined effects of deoxyfluorouridine (FUDR) with radiations and ethyl methane sulphonate (EMS) in chromosomes, *B* 581.
Depsipeptides, v. Peptides.
21-Desoxypregnene, v. ACTH-Stimulierung.
Deuterium oxide, v. Cholesterol.
3α,17β-Diacetoxy-11-hydroxy-12-oxo-5β-androst-9(11)-ene; the benzilic acid rearrangement of 3α,17β-diacetoxy-11-hydroxy-12-oxo-5β-androst-9(11)-ene, *B* 657.
Diagnosis of pregnancy, v. Pregnancy.
2,2-Dialkyl-1-3-propanediol, v. Propanediol sulfites.
Diapause; a possible endocrine mechanism for inducing diapause in the eggs of *Adelphocoris lineolatus* (Goeze) (Hemiptera: Miridae), *B* 47.
Diäthyläther; über die Wirkung von Diäthyläther auf die Aktivität der Glykogenphosphorylase und Phosphorylase b-Kinase in Herz, Skeletmuskel und Leber der Ratte, *B* 479.
Dichroism, circular; a simple device for measurement of circular dichroism in the visible and ultraviolet regions, *B* 622.
Didymella applanata, v. Phytotoxin.
Dien-Additionsprodukte; Heilmittelchemische Studien mit Dien-Additionsprodukten V: Über die coronardilatierenden Eigenschaften einer neuen Klasse von Aminen, *B* 288.
Digitalis purpurea, v. Sterols.
2,5-Dimethyl-azulene; the occurrence of 4-ethyl and 2,5-dimethylazulene in cracking column products, *B* 87.
6,7-Dimethyl-8-ribityl lumazine; isolation of 6,7-dimethyl-8-ribityl lumazine from a riboflavineless mutant of *Aspergillus nudulans*, *B* 32.
Dimethyl sulfone, v. Dimethyl sulfoxide.
Dimethyl sulfoxide; a new method for assay of radioactive dimethyl sulfoxide and its metabolite, dimethyl sulfone, *B* 855.
–; radioprotective effect of topically applied dimethyl sulfoxide on mice, *B* 814.
Dimethyltubocurarine, v. Skeletal muscle.
Dinophilus gyrociliatus; eine Mutante mit vergrösserten Männchen-Eiern bei *Dinophilus gyrociliatus* (Archiannelida), *B* 237.
Dioldehydrase, v. Coenzym B_{12}.
2,3-Diphosphoglyceric acid; the role of 2,3-diphosphoglyceric acid in the potassium transport of human erythrocytes. *B* 308.
Diphtheria toxin; mitochondrial changes induced by diphtheria toxin in chicken embryo heart cell cultures, *B* 373.
–; triglyceride behaviour in liver and serum of rabbits treated with diphtheria toxin, *B* 544.
Diphtheria toxoid, v. Pre-γ-globulins.
α,α'-Dipyridyl; two forms of the effect of α,α'-dipyridyl and 1,10-phenanthroline on synthesized hydroxyproline-deficient collagen, *B* 584.
Disputandum, *B* 552.
DNA; behavioural differences between native DNA and denaturated DNA, *B* 599.
–; translocation of donor DNA into nucleolar associated chromatin of recipient cell in vitro, *B* 726.
–; v. Furocoumarins.
DNA-H^3, v. ATP.
DNA-synthesis; inhibition of DNA-synthesis and cell division by actinomycin D, *B* 294.
Dog, v. Cerebral lesions.
H^3-DOPA, v. H^3-Tyrosine.
Dopamine, v. Glutamate.
–; site of action of dopamine and apomorphine on compulsive gnawing behaviour in rats, *B* 837.
–; v. Synaptic excitation.
Dopamine turnover; acceleration of the cerebral dopamine turnover by chlorpromazine, *B* 465.
Dorsal funiculus, v. Neurones.
Drosophila melanogaster, v. Chromosome number.
–; v. Chromosomen.
–; v. Copulation.
Drosophila pseudoobscura, v. Emergence rhythm.
Dünnschichtchromatographie, v. Zucker.

Ecdysone; the synthesis of ecdysone, *B* 573.
Echis colorata, venom, v. Lymphocytes.
Egg development; inhibition of amphibian egg development by histones, *B* 246.
Egg mantle, v. Sialopolysaccharidic components.
Egg shell in Paramphistomatidae, *B* 93.
Eggs, v. Diapause.
–, v. *Phallusia mammillata*.
Ehrlich ascites tumour, v. Hemin synthesis.
Ehrlich ascites tumour cells, v. Tumour cells.
Ehrlich-Mäuse-Aszites-Tumorzellen, v. Cyclophosphamid.
Einfrieren; schnelles Einfrieren von Geweben und Flüssigkeiten, *B* 265.
–; eine neue Methode zum schnellen Einfrieren von Geweben, *B* 853.
Einstellungsschärfe des Bildes; eine neue Methode der Einstellungsschärfe des Bildes, *B* 334.
Elasmobranchs, v. Lorenzinian ampullae.
Electrical activity, v. Brain.
–, v. Pineal organ.
Electrical response, v. Pulse stimulation.
Electrocardiographic data, v. Cholesterol.
Electron microscopy, v. Stain.
Electrophoresis, v. Proteins.
Electrophorus electricus, v. Neuromuscular transmission.
Elektroretinogramm und retinale Impulsaktivität in Hypothermie, *B* 184.
Eledoisin; action of eledoisin on isolated vascular strips, *B* 696.
–; synthetic peptides related to eledoisin physalaemin-like peptides, *B* 29.

Embryonic cell cultures, v. Thiazolidine acetic acid derivatives.
Embryonic cells, v. *Aedes aegypti*.
Embryos, v. Feathering.
Emergence rhythm; effect of light and dark pulses on the emergence rhythm of *Drosophila pseudoobscura*, *B* 606.
EMG virus, v. Choline salicylates.
Empoasca flavescens, v. Castor bean varieties.
Endocrine glands, v. Grafting.
Endotoxins; role of bacterial endotoxins in intestinal ischemic (SMA) shock, *B* 786.
Enterohepatischer Kreislauf, v. 7α-^{3}H-DHEA-^{14}C-Glukuronosid.
Entwicklungsstadien, v. Carbohydrase.
Enzyme changes, v. Denervation atrophy.
Enzyme induction, v. Cystamine inhibition.
Enzymausscheidung; renale Enzymausscheidung im anaphylaktoiden Schock nach Verabreichung von ε-Aminocapronsäure, *B* 651.
Enzymes; on the digestive enzymes and the cytology of midgut of *Leogryllus bimaculatus* Sauss, *B* 372.
Eosinophil granulocytes; studies on eosinophil granulocytes. II. The effect of cytostatics on the uterine response to oestrogen, *B* 799.
Ependymal inclusions, v. Brain.
Epididymal fat, v. Phosphatase.
Epinephrine, v. Angiotensin.
Epiphysektomie, v. Parathyreozyten-Aktivität.
Epithelioma Nr. 3, v. Ibenzmethyzin hydrochloride.
ERG, v. Barbiturat.
Ergotamine; production of ergotamine by a strain of *Claviceps purpurea* (Fr) Tul, B 415.
Erregung, v. Bursttätigkeit.
Erythrocyten, v. Glucose-6-phosphate dehydrogenase.
Erythrocytes; glycerol permeability of erythrocytes, *B* 20.
–, v. 2,3 Diphosphoglyceric acid.
Escherichia coli; microbiological assay of indole in cultures of *Escherichia coli* and some other microorganisms, *B* 360.
–; revival of heat damaged *Escherichia coli*, *B* 803.
–; v. β-Pyrrolo-L-alanine.
Escherichia coli endotoxin, v. Succino oxidase activity.
Esterase activity, v. Phosphatase.
Esteraseaktivität; quantitative und qualitative Untersuchungen der Esteraseaktivität in normalen Granulozyten, normalen Lymphozyten und in leukämischen Zellen, *B* 730.
Estra-1,3,5(10)triene,3-17β-diol derivatives; the estrogenic and deciduogenic properties of some estra-1,3,5(10) triene-3,17β-diol derivatives, *B* 437.
Estradiol: the influence of estradiol on the distribution of exogenous cholesterol-4-C^{14} in the rat, *B* 163.
Estrus cycle, v. 20 α-Hydroxysteroid dehydrogenase.
Ethanol infusion; the effect of an ethanol infusion on the calcium phosphorus balance in man, *B 735*.
Ethionine; efffect of ethionine ingestion on biliary secretion and bile tree capacity in rats, *B* 233.
4-Ethylazulene, v. 2,5-Dimethylazulene.
Ethylene phosphate; further observations on the transesterification reactions of ethylene phosphate with 2-amino alcohols, *B* 361.
Ethylenediaminetetraacetate; interference of sodium ethylenediaminetetraacetate in the determination of proteins and its elimination, *B* 290.
Ethylmethansulphonate, v. Deoxyfluorouridine.
5-Ethyltropolone; phytochemical studies. Isolation of 5-ethyltropolone from *Libocedrus formosana*, *B* 140.
Euklidische Ebene; Beitrag zur Theorie der konvexen Bereiche der euklidischen Ebene, *B* 617.
Exercise; effect of acute and exhaustive exercise upon the fine structure of heart mitochondria, *B* 244.
Exotoxin; on the chemical nature of the heatstable exotoxin of *Bacillus thuringiensis*, *B* 81.
Experimentis, pro –, *B* 61, 123, 194, 262, 334, 412, 481, 553, 620, 703, 767, 853.
Eye, v. Serum factor.
Eye movements; presynaptic inhibition of trigeminal afferent fibers during the rapid eye movements of desynchronized sleep, *B* 754.
–; vestibular origin of the rapid eye movements during desynchronized sleep, *B* 60.

Fasting, v. Ribonucleic acid content.
Fat, v. Caffeine.
Fat cells; ouabain-sensitive fatty acid release from isolated fat cells, *B* 86.
Fatty acid, v. Biotin.
Fatty acid mobilization, v. Ketone bodies.
Fatty acid release, v. Fat cells.
Feathering; sex-linked feathering of female hybrid chick embryos hormonally conditioned, B 302.
Feeding pattern, v. Sexual isolation.
Fer, v. Villosites intestinales.
Fibrinolytic system; on the mechanism of potentiation of kinins by inhibitors of the fibrinolytic system, *B* 540.
Fibrolasts, v. Cortisone.
Fibrous body, v. Mitochondria.
Flexor motoneurones; a descending pathway with monosynaptic action on flexor motoneurones, *B* 390.
Flugmuskeln, v. Adenosintriphosphat.
Fluoride and calcium levels in the aorta, *B* 835.
Fluorodeoxyuridine, v. Fluorouracil.
Fluorouracil; the effect of fluorouracil and fluorodeoxyuridine on the genetic recombination in *Schizosaccharomyces pombe*, *B* 151.
Foetus, v. Nitrogen mustard.
Folate deficiency during antituberkulous PAS-INH medication, *B* 692.
Folic acid and biotin on the metabolism of one carbon unit: utilization of β-carbon of serine for the synthetis of methionine, *B* 362.
Follicle cells; the development of follicle cells in the ovarioles of *Carausius morosus* Br. (Orthoptera, Phasmidae), *B* 158.
Formalin; further observations on age differences in the effect of formalin on the canine brain in vitro, *B* 447.
Forebrain, v. Monosynaptic reflex.
Forebrain area; morphogenetic field properties of the forebrain area of the neural plate in an anuran, *B* 188.
Forebrain of reptiles; the chemoarchitectonics in the forebrain of reptiles, *B* 745.
Forebrain stimulation, hypothalamic; attack elicited by forebrain and hypothalamic stimulation in the chicken, *B* 405.
3-(2-chloroethoxy)-6-Formyl-Δ-3,5-pregnadies; synthesis of 3-(2-chloroethoxy)-6-formyl-Δ-3,5-pregnadiens, a new class of highly active anti inflammatory corticosteroids, *B* 468.
Friend virus; strain influence on the immune response of mice to the friend virus.
Froschherzen, v. Brenzkatechinamine.
FSH; depletion and resynthesis of pituitary FSH: time course of events following treatment with hypothalamic FSH-releasing factor, *B* 694.
FHS-releasing factor, v. FSH.
Fungi, v. Red pigment.
Fungus, v. Mellein.
Fur shaking, v. Chlorpromazine.
Furocoumarins; the photoreaction between DNA and the skin-photosensitizing furocoumarins studied using labelled bergapten, *B* 75.
Fusaric acid production; biochemical, genetical studies on hostparasite relationship: variation in fusaric acid production with different carbon sources, *B* 427.
Fusarium culmorum, v. Spore coats.
Fusarium vasinfectum; biochemical genetical studies on host parasite relationship. Pathogenicity of two mutants of *Fusarium vasinfectum* on cotton plants, *B* 138.

Gamète; teneur des gamètes males et femelles d'*Allomyces* en acides nucliques et composition comparée d'une fraction saline de l'acide ribonucléique des gamétanges, *B* 377.
Ganglion superior cervical, v. Angiotensin.
Gastrognemius muscle; skeletomotor and fusimotor control of gastrognemius muscle from Deiters' nucleus, *B* 583.
Gastrointestinal tract, v. 5-Hydroxytryptophan.
Gefässe, v. Bradykinin.
Gefässkonstriktion, v. Bradykinin.
Gehirn, v. L-Glutaminsäure.
Geniculate body, v. Nystagmus.
Genital organs; on short adrenergic neurons in the accessory male genital organs of the bull, *B* 759.
Geotrichum lactis; transverse septa in *Geotrichum lactis*, *B* 471.
Germ cells, v. Aneuploidy.
Geruchsreiz; über einige vegetative Reaktionen nach Geruchsreizen beim Menschen, *B* 174.
Geschlechtsbestimmung; zur Evolution der Geschlechtsbestimmung bei *Cyclisticus convexus* (DEG) Crust. Isop., *B* 533.
Geschwulstkrankheiten; die Verteilung der genetisch bedingten Haptoglobintypen bei Geschwulstkrankheiten, *B* 41.
Gewebe, v. Einfrieren.

Gibberellic acid; the effect of gibberellic acid treatment on the alkaloid content of mature *Ipomoea violacea* L. sedds, *B* 681.
Glas-Mikroelektroden; elektrischer Widerstand, Aussendurchmesser der Spitze und Wandstärke von Glas-Mikroelektroden, *B* 413.
Glaucarubinone, v. Simaruacées.
Globins, v. Hybrid formation.
Glucobrassicin, v. S^{35} O_2.
Glucose-6-phosphatase activity in experimental tuberculosis and following isoniazid treatment, *B* 648.
Glucose-6-phosphate dehydrogenase; hybridization studies in the further characterization of erythrocite glucose 6-phosphate dehydrogenase, *B* 827.
7α-^{3}H-DHEA-3-^{14}C-Glucuronoside; direct metabolism of 7α-^{3}H-DHEA-3-^{14}C-Glucuronoside, *B* 785.
7α-^{3}H-DHEA-^{14}C-Glukuronosid; entero-hepatischer Kreislauf von 7α-^{3}H-DHEA-^{14}C-Glukuronosid und 7α-^{3}H-DHEA-^{35}S-Sulfat beim Meerschweinchen, *B* 577.
Glutamate; actions of L-glutamate, acetylcholine and dopamine on single neurones in the nuclei cuneatus and gracilis of the cat, *B* 59.
L-Glutaminsäure; zur Wirkung parenteral verabfolgter L-Glutaminsäure auf die bioelektrische Aktivität des Gehirns, *B* 718.
Glutathione; stability of erythrocytic reduced glutathione and nicotinadenine dinucleotide phosphate in HbE-thalassaemia disease, *B* 580.
Glycémie, v. Sérotonine.
Glyceraldehyde-3-phosphate dehydrogenase; N-acetyl migration in yeast glyceraldehyde-3-phosphate dehydrogenase, *B* 232.
Glycerol permeability, v. Erythrocytes.
Glycine methoxyamide, acyclic analog of cycloserine, *B* 600.
Glycoalkaloidal fraction, v. *Solanum auriculatum*.
Glycogen, v. Insulin.
Glycoside effects, v. Potassium concentration.
Glykogenphosphorylase, v. Diäthyäther.
Gnawing behaviour, v. Dopamine.
Goldfish intestine, v. Temperature acclimatization.
Gonadectomy, v. Corticosterone.
Gonads, embryonic; germ cell differentiation in embryonic gonads cultured in heterosexual parabiotic pairs, *B* 677.
Gorilla, v. Lipase.
Grafting; a new method of multiple grafting of endocrine glands into the IVth ventricle of the chick embryo, *B* 266.
–; a technique of integumental grafting for aging studies, *B* 264.
Grafts; differentiation of the epithelium in early grafts of the mouse müllerian vaginal region, *B* 402.
Grains d'orge, v. Radioprotection.
Granulozyten, v. Esteraseaktivität.
Grenzstrangganglien, v. Sympathicoblasten.
Griseofulvin; induced griseofulvin. Resistance of *Achorion quinckeanum* in vitro and in vivo, *B* 737.
Growth, v. Catechol amine content.
–, v. Müller's experimental.
Growth factor; aliphatic amines and a growth factor of coconut milk as stimulating cellular proliferation of *Helianthus tuberosum* in vitro, *B* 732.
Growth hormone; demonstration of a negative binding effect of bovine growth hormone toward potassium, *B* 309.
–; effect of growth hormone and prolactin on mouse transplantable mammary adenocarcinoma, *B* 523.
–; fractionation of highly purified bovine groth hormone on sephadex G 25 gel, *B* 310.
–; maintenance of growth hormone releasing activity in the hypothalamus of long term hypophysectomized rats, *B* 333,
–; molecular weight of bovine growth hormone, *B* 16.
–; lack of transplacental passage ot growth hormone in rabbits, *B* 831.
Growth hormone resynthesis in the pituitary after depletion induced by a hypothalamic extract, *B* 108.
GS 13005; Metabolism of GS 13005, a new insecticide, *B* 36.
Guanidines; chromogenicity of SAKAGUCHI products of monosubstituted guanidines and histidine, *B* 76.
2-Guanidinomethyl-1,4-benzodioxan sulphate; preliminary studies of the metabolism of 2-guanidinomethyl-1,4-benzodioxan sulphate (Guanoxan), *B* 472.
Guava, v. Ascorbic acid.

Hämolysate, v. Nucleotidsynthese.
Haptoglobintypen, v. Geschwulstkrankheiten.
Harn, v. Hexosamine.
–, v. Phosphatase.
–, v. Schlangengift.
HbE-thalassaemia disease, v. Glutathione.
Heart; ultrastructures nerveuses dans le ventricul du coeur du grenouille, *B* 735.
–; connective tissue degradation and distensibility characteristics of the non-living heart, *B* 845.
–, v. Action potential.
–, v. Stain.
Heart cell cultures, v. Diphtheria toxin.
Heart mitochondria, v. Exercise.
Heart rate, v. Neurohormones.
Heat, v. Taka-amylase A.
Heat damage, v. *Escherichia coli*.
Heavy water; cytophotometric investigations on the influence of heavy water upon the nucleic acid content of tumour cells, *B* 683.
–; role of heavy water as solvent in the antigen-antibody precipitin reaction, *B* 371.
HeLa cells, v. ATP.
Hematoxylin, v. Sarcoplasmic reticulum.
Heme-protein fraction; formation of a peculiar heme-protein fraction in plasmas containing hemoglobin, *B* 19.
Hemin synthesis; stimulation of hemin synthesis in Ehrlich ascites tumor cells by mouse liver PNA, *B* 50.
Hemocyanin; purification of hemocyanin from hemolymph by adsorption to calcium phosphate, *B* 626.
Hemodynamic studies, v. Circle of willis.
Hemoglobin, v. Heme-protein fraction.
Hemolymph, v. Protein fraction.
Hepatectomy, v. Succinoxidase activity.
Hepatic glycogen; persisting circadian rythm in hepatic glycogen of mice during inanition and dehydration, *B* 113.
n-Heptanol, v. 5-Hydroxytryptamine.
Herz, v. Brenzcätechinamine.
–, v. Diäthyläther.
Herzgranula; Aufnahme von Methyldopamin und Methylnoradrenalin in die Noradrenalin speichernde Herzgranula, *B* 119.
Herzmuskel, v. Calcium.
Heterosexual parabiotic pairs, v. Gonads, embryonic.
Hexamethylentetramine silver reaction, v. Lysosomes.
Hexosamine; Bestimmung der freien Hexosamine in Serum und Harn, B 194.
Histamine, v. 4-Imidazol ethanol.
Histamine release; cytochemical and chromatographic demonstration of platelet histamine release by antigen antibody reaction in vitro, *B* 412.
Histamine release by passive sensitization with murine neoplastic mast cells in vitro, *B* 305.
Histidine, v. Guanidines.
Histone, v. Infective activity.
Histones, v. Egg development.
–, v. Tumor cells.
Höhenadaptation; das Körpergewicht der Ratte als Parameter zur Bestimmung der Höhenadaptation, *B* 697.
Homogentisic acid; isolation of homogentisic acid from urine of alcaptonuric cases by means of an anion exchanger, *B* 411.
Homovanillic acid; on the origin of homovanillic acid in the cerebrospinal fluid, *B* 609.
Hormone production; location of hormone production in the ovary of the guppy, *Poecilia reticulata*, *B* 476.
Horse, v. Pre-γ-globulins.
Host parasite relationship, v. Fusaric acid production.
–, v. *Fusarium vasinfectum*.
Hühnerembryonen, v. Sympathicoblasten.
Humanseren, v. Präalbumin.
Huminsäuren; stabile freie Radikale in Huminsäuren, *B* 136.
Hybrid formation in mixtures of globins from different species, *B* 742.
Hybridization studies, v. Glucose-6-phosphate dehydrogenase.
Hydrocephalus, v. 5-Hydroxyindoleacetic acid.
Hydrogen sulphide, v. Nitric oxide.
5-Hydroxyindoleacetic acid; increased level of 5-hydroxyindoleacetic acid in cerebrispinal fluid from infantile hydrocephalus, *B* 539.
5-Hydroxymethyluracil, v. Photodimerization.
Hydroxyphenylcarboxylic acids; inhibition of phenoloxidase catalysed transformation of tyrosine to melanin by hydroxyphenylcarboxylic acids, *B* 250.
Hydroxyprolin-Ausscheidung, v. Schlangengift.
20α-Hydroxysteroid dehydrogenase; histochemistry of ovarian 20α-hydroxysteroid dehydrogenase in the rat during the estrus cycle, *B* 675.

5-Hydroxytryptamine, v. 5-Hydroxytryptophan.
–, v. Mast cells.
–; advantages of n-heptanol in the extraction of 5-hydroxytryptamine (5-HT), *B* 788.
5-Hydroxytryptamine level, v. Thyroidesa.
5-Hydroxytryptophan; combines autoradiography and fluorescence microscopy. Localization of labelled 5-hydroxytryptophan in relation to endogenous 5-hydroxytryptamine in the gastrointestinal tract, *B* 213.
Hydroxyurea, v. Acriflavine.
Hypercholesteremia; biochemical modifications of the crystalline lens in the experimental hypercholesteremia of rabbits, *B* 162.
Hyperemin, a new vasoactive substance which regulates the metabolic responses of the coronaries, *B* 171.
Hyperphagia; development of hyperphagia in female rats with ventromedial hypothalamic lesions placed at four different ages, *B* 593.
–; development of hyperphagia in male rats following placement of ventromedial hypothalamic lesions at four different ages, *B* 671.
Hypertension; course of hypertension during prolonged treatment with heterologous renin, *B* 531.
Hyperthermia; the effect of hyperthermia applied in the given stages of pregnancy on the number and form of vertebrae in the offspring of white mice, *B* 254.
Hypoglycaemic activity; lipid mobilizing and hypoglycaemic activity of pituitary homogenates from alloxan diabetic rats, *B* 152.
Hypophysectomy, v. Growth hormone.
–, v. Succinoxidase activity.
Hypotension; effect des analgésiques non narcotiques sur l'hypotension due à la bradykinine, *B* 182.
Hypothalamic extract, v. Growth hormone.
Hypothalamic lesions, v. Hyperphagia.
Hypothalamus, v. Growth hormone.
Hypothermie; résistance de la souris et du souriceau à l'hypothermie prolongée à 20° C. Observation portant sur près de 500 animaux, *B* 94.
–, v. Elektroretinogramm.

Ibenzmethyzin hydrochloride; the activity of ibenzmethyzin hydrochloride against the human transplantable tumors, human epithelioma No. 3 and human adenoma No 1, *B* 324.
4-Imidazol ethanol; production of 4-imidazol ethanol from histamine by *Saccharomyces rouxii*, *B* 729.
Immune capacity, v. Pinealectomy.
Immune response, v. Thymectomy.
Immunity, v. Phagocytosis.
Immunoglobulin; purification of ferritin-labelled immunoglobulins, *B* 486.
Inactivation, v. Taka-amylase A.
Inanition, v. Hepatic glycogen.
Indian mantids, v. Chromosome number.
Indole, v. *Escherichia coli*.
Indolebutyric acid; excited molecular O_2 and inactivation of indolebutyric acid (IBA), *B* 137.
Infectious RNA, v. Infective activity.
Infective activity; inhibition of the infective activity of phage f_2 and its infectious RNA by histone, *B* 159.
Infrared emission spectra, v. Skin.
Injury hepatic, v. Viral hepatitis.
Insecticide, v. GS 13005.
Insuffizienz, renale, v. Anionenkonzentrationen, erythrocytäre.
Insulin; the effect if insulin on the formation of glycogen by the mouse diaphragm in vitro, *B* 241.
–; failure of iodoacetate to protect the antigenic power of insulin from cystein inactivation, *B* 587.
–, v. Iodoacetate.
Intestinal absorption, v. Thiamine.
Intestine, v. Oxygen consumption.
–, v. Phosphatase.
Intracytoplasmic membrane, v. Spores.
Intraneuronal vesicles, v. Reserpine.
Inulin loss from rat proximal tubule, *B* 683.
Iodine 125, v. Corticotropin.
Iodoacetamide, v. Oxidative phosphorylation.
Iodoacetate; the action of iodoacetate on the antigenic power of insulin, *B* 330.
–, v. Insulin.
4-Iodoantipyrine; fate of injected 4-iodoantipyrine in rat, *B* 78.
Ipomoea violacea, v. Gibberellic acid.
Iris, v. Adrenergic and cholinergic axons.
Iron alum as a mordant in cytology of uredinales, *B* 461.
Ischemic shock, v. Endotoxins.
Isocitric dehydrogenase, Succinic dehydrogenase.
Isoniazid treatment, v. Glucose-6-phosphatase activity.
Isosepiapterin, v. Sepiapterin.
Isotopic exchange, v. 32 p.

Juxtaglomerular cell granularity, v. Angiotensin.

Kältezittern; Dämpfung des Kältezitterns durch Phenobarbital und Pethidin bei Ratten, B 407.
Kallidin, v. Bradykinin.
Ketone bodies; lowering of blood ketone bodies induced by drugs preventing free fatty acid mobilization, *B* 664.
Kidney, v. Angiotensin.
Kinins, v. Fibrinolytic system.
Körpergewicht, v. Höhenadaptation.
Körpertemperaturmessung; radiotelemetrische Körpertemperaturmessungen bei Mäusen und Ratten, *B* 339.
Kohlenhydratstoffwechsel, v. Nucleotidsynthese.
Kryostatschnittechnik für natives Pflanzengewebe, *B* 335.
Krypton ^{85}; the wash-out intraarterially injected krypton 85 from the intestine of the cat, *B* 268.
Kupffer cells, v. Thymectomy.
Kynurenine; 5-hydroxylation of kynurenine in animals, *B* 591.

Laboratorio, pro-, *B* 620.
Lacerta muralis, v. Pteridine.
Lactate dehydrogenase, v. Serotonin.
Lactate dehydrogenase virus, v. Actinomycin D.
Lamina propria, v. Testis.
Laminar collagen, v. Testis.
Lanthanum polytungstates; amperometric study on *Lanthanum polytungstates*, *B* 383.
Larus atricilla, v. Color preferences.
Lautäusserungen bei Tieren; die physiologischen Grundlagen der Lautäusserungen bei Tieren, *A* 561.
Leaf tissues; effect of the excision of leaf tissues on the measurement of their water potential with thermocouple psychrometer, *B* 386.
Leafhopper infestation, v. Castor bean varieties.
Learning; the age of reproduction as a factor of transmissible divergences in learning ability in the mouse, *B* 186.
Leber, v. Diäthyläther.
Lebistes reticulatus, v. Skeletmuskulatur.
Length tension, v. Muscle fibres.
Lens proteins; the effect of heat on bovine lens proteins, *B* 818.
Leogryllus bimaculatus, v. Enzymes.
Leucocytes; nuclear protrusions in the polymorphonucleated leucocytes of the anthropoid apes, *B* 652.
–, v. Phagocytic activity.
Leucocytes, phagocytosing; mechanism of respiratory stimulation in phagocytosing leucocytes. The KCN insensitive oxidation of $NADPH_2$, *B* 758.
Leucylphenylalanine anhydrid; the production of leucylphenylalanine anhydrid by a variant of *Streptomyces noursei*, *B* 721.
Leukemia, v. Methylhydrazine derivative.
Leukemia virus; immunofluorescent antibody studies of a murine leukemia virus: comparison of human, bovine and murine systems, *B* 687.
Libocedrus formosana, v. 5-Ethyltropolone.
Lichtreizung, v. Retinaneurone.
Lifespan, v. Smoking.
Light, v. Pineal organ.
Lipase; a lipase in the milk of the gorilla, *B* 317.
Lipids, v. Liver mitochondria.
Lipolysis; the effect of nicotinamide adenine dinucleotide on lipolysis in adipose tissue in vitro, *B* 658.
Lipoprotein lipase, v. Acetyl-CoA synthetase.
Liver, v. Bilirubin.
–, v. Caffeine.
–, v. Diphteria toxin.
–, v. Monoamine oxidase inhibitors.
–, v. Polyploid.
–, v. Succinoxidase activity.
–, v. Alanine transaminase activity.
Liver mitochondria; enhancement of oxidation products of lipids in liver mitochondria of whole body irradiated rats, *B* 712.
–, v. Cholesterol.
Liver RNA, v. Hemin synthesis.
Liver S-RNA, v. Amino acids.
Liver tyrosine transaminase, v. Starvation.

Lorenzinian ampullae; a contribution to the temperature sensitivity of lorenzinian ampullae of elasmobranchs, *B* 180.
Lp; lack of linkage between the Lp and Ld serum systems; *B* 660.
Lucanthone; antagonism of heterocyclic sulphonamides to the schistosomicidal effect of lucanthone, *B* 446.
Lungenstrohmbahn, v. Vasodilator.
Lutidine; v. Urea excretion.
Lymph; a comparison of lymph collected from the thoracic duct in CBA and A strain mice, *B* 829.
Lymphocytes; fluorescein staining of guinea-pig lymphocytes induced by *Echis colorata* venom, *B* 662.
Lymphozyten, v. Esteraseaktivität.
Lysosomal modification, v. Radioprotective drugs.
Lysosomes; hexamethylentetramine silver reaction for lysosomes, *B* 114.
–; the demonstration of lysosomes in the bovine adrenal medulla, *B* 142.

Macromolecules, v. Acriflavine.
Macrophages; culture of macrophages under homogeneous static magnetic field, *B* 312.
Magnetic field, v. Macrophages.
α-2-Makroglobulinumsatz; Bestimmung des α-2-Makroglobulinumsatzes beim Menschen, *B* 385.
Maltose; zum Vorkommen von Maltose in vegetativen Pflanzenteilen, *B* 141.
Mammalian cells, v. Pederin.
Mast cell, v. Histamine release.
Mast cells; characteristic high label of stomach mast cells after subcutaneous injection of 5-hydroxytryptamine in mice, *B* 109.
Mastzelldegranulierung, v. Phosphatase.
Meerschweinchenvorhöfe, v. Acetylcholinwirkung.
Megoura viciae, v. Thymidine.
Melanin, v. Hydroxyphenylcarboxylic acids.
Melanocyte lightening; in vivo assay for melanocyte ligtening substances, *B* 389.
Mellein; isolation of the optical antipode of mellein from an an unidentified Fungus, *B* 209.
Melolontha melolontha L, v. Carbohydrase.
Menadione, v. Phagocytic activity.
Mesencephalic-diencephalic lesions, v. Central nervous system.
Metabolic elimination patterns, v. Timidity.
Metastasis, v. Ascites cells.
Methanol metabolism; inhibition of metabolism in mice with acetyl salicylic acid, *B* 85.
Methionine, v. Folic acid.
6-Methoxy-mellein; production of 6-methoxy-melleine by *Sporormia bipartis* Cain, *B* 575.
Methylamine, v. Natulan.
α-Methyldopa, v. Brenzkatechinamine.
Methyldopamin, v. Herzgranula.
Methylhydrazine, v. Natulan.
Methylhydrazine derivative; studies on the metabolic fate of the 14C-labelled methyl group of a methylhydrazine derivative in P 815 mouse leukemia, *B* 431.
Methylmalonyl Co A-Mutase, v. Coenzym B_{12}.
Methylnoradrenalin, v. Herzgranula.
Microelectrodes; tip potentials in microelectrodes filled by boiling under reduced pressure, *B* 559.
Microelectrophoresis; comparative microelectrophoresis of different sera on nitrocellulose membranes impregnated with tween 60, *B* 487.
Microorganism, v. Platelets.
Microvilli-like structures, v. Trematodes.
Mikro-Homogenisator, *B* 620.
Milk, v. Lipase.
Minerals, v. Plant tissue sections.
Mitochondria; occurrence and morphology of a fibrous body in the mitochondria of the slime mold *Physarum polycephalum*, *B* 452.
–, v. Succinoxidase activity.
Mitochondrien; die Zahl der Mitochondrien im Aortenendothel bei experimenteller Stenose, *B* 363.
Modality segregation, v. Neurones.
Molecular weight, v. Growth hormone.
Monoamine; histochemical identification of monoamine in the arterial wall, *B* 307.
Monoamine oxidase inhibitors; effect of some monoamine oxidase inhibitors on deamination of biogenic monoamines by rat liver mitochondrial monoamine oxidase, *B* 157.
Monoamines, v. Monoamine oxidase inhibitors.
Monosynaptic action, v. Flexor motoneurones.
Monosynaptic reflex; inhibition of a monosynaptic reflex by electrical stimulation of the basal forebrain or the orbital gyrus in the cat, *B* 844.
Mordant, v. Iron alum.
Morphine; the distribution of morphine following intracerebral microinjection, *B* 249.
Motoneurone excitability during repetive stimulation of group I afferent fibres, *B* 187.
γ-Motoneurones spinal, v. Brain stem.
Moulting cycle, v. Protein fraction.
Mouse, v. Cerebral lesions.
MSH released serum factor, v. Serum factor.
Mucoprotein; immunofluorescent localisation of Tamm Horsfall mucoprotein, *B* 624.
Mucous gland cell, v. Mucous gland cell.
Müllerian epithelium, v. Grafts.
Müller's experimental device; a modification of Müller's experimental device for obtaining a growth of the primary roots of *Arabidopsis thaliana* (L) Heynh. under controlled conditions, *B* 481.
Mus africains; nouvelles contributions à la cytogénétique des *Mus* africains du sous-genre *Leggada*, *B* 400.
Muscle, v. Pulse stimulation.
–, v. Venom.
Muscle fibres; the length tension diagram of single muscle fibres of the crayfish, *B* 451.
Muskelfasern, v. Myofibrillen.
Muskelgewebe, v. Calcium.
Myofibrillen; ultrastruktureller Nachweis von zwei Myofibrillentypen in den Muskelfasern des Rattenzwerchfells, *B* 816.
Myzus persicae, v. Aphid.

$NADPH_2$, v. Leucocytes, phagocytosing.
Naja tripidians, v. Aneuploidy.
Naringenin inhibition on explants in vitro of *Cichorium intybus* (Chicory), *B* 292.
Nasalis larvatus, v. Chromosomes complement.
Natriuresis, v. Renal medulla.
Natulan; comparative metabolic studies with natulan methylhydrazine and methylamine in rats, *B* 212.
Nebennieren, v. Brenzcatechinamine.
Necrosis, myocardial; protection of rats from isoproterenol induced myocardial necrosis by trolnitrate phosphate (Metamine), *B* 106.
Neoflavanoids; the neoflavanoids, a new class of natural products, *A* 777.
Nephrolits; use of thermal gravimetry in the study of nephrolits, *B* 574.
Nephrotoxic agents; effects of two nephrotoxic agents on new born rats, *B* 297.
Nerve, degenerating, v. Acetyltransferase.
Nervenfasern, v. RNS.
Nerves, v. Heart.
Nervous transmission, v. Sleep.
Netzhaut; die Bedeutung von Plasmafaktoren für die isolierte umströmte Kaninchennetzhaut, *B* 215.
–, v. Barbiturat.
Neural plate, v. Forebrain area.
Neurohormones; the effect of some neurohormones on the heart rate of spiders. *B* 45.
Neurohypophysis, v. O-Acetyltyrosylvaline.
Neuromuscular transmission in *Electrophorus electricus* (L), *B* 680.
Neuronal nuclei; postnatal variations of the dry mass on neuronal nuclei of the spinal cord in rat and guinea pig, *B* 328.
Neurones; pharmacological properties of neurones of the paramedian reticular nucleus, *B* 410.
–; studies on modality segregation and second-order neurones in the dorsal funiculus, *B* 441.
–, v. Glutamate.
Neurons, v. Central nervous system.
Neurons, adrenergic, v. Genital organs.
Neurosecretory cell; gland neurosecretory cell in the thoracic ganglion of *Potamon magnum magnum* (Pretzman), *B* 543.
Neurosekretion; Untersuchungen zur Neurosekretion bei *Acheta domesticus* L, *B* 396.
New born rats, v. Nephrotoxic agents.
NH_2OH, v. Cu^{2+}-Polymyxin-B-Komplex.
Ni^{2+}-Angiotensin-II-Komplex; strukturspezifischer Abbau von Polypeptid Metall Komplexen III. Abbau des Ni^{2+}-Angiotensins-II-Komplexes durch H_2O_2, *B* 649.
Nicotinadenine phosphate, v. Glutathione.
Nicotinamide adenine dinucleotide, v. Lipolysis.
Nicotinsäure, v. 5-Pyridylcarbinol.

Nitric oxide; effect of nitric oxide and hydrogen sulphide on radiation sensitivity of spores of *Bacillus megaterium* in suspension, *B* 80.
Nitrocellulose membranes, v. Microelectrophoresis.
Nitrogen mustard; does nitrogen mustard affect the foetus directly or secondarily by its effect on the mother?, *B* 247.
Nitrosamide; die Induktion lysogener Bakterien durch Nitrosamide, *B* 800.
Nitrothiamidazole; note sur l'activité du nitrothiamidazole dans l'anguillulose, *B* 826.
Nitrus oxide, v. RB 86.
Noradrenalin, v. Adrenalin.
–, v. Brain lesions.
Noradrenaline neurons; ascending noradrenaline neurons from the pons and the medulla oblongata, *B* 44.
Norepinephrine; competitive antagonism between norepinephrine and propranolol, *B* 112.
Nystagmus evoked in the rabbit by electrical stimulation of the lateral geniculate body, *B* 102.
Nuclear protrusions, v. Leucocytes.
Nuclei cuneatus, v. Glutamate.
Nucleic acid content, v. Heavy water.
Nucleic acids, v. Polyamines.
Nucleinsäure, v. Gamète.
Nucleolus, v. Oogenesis, insect.
Nucleotidsynthese und Kohlenhydratstoffwechsel in Hämolysaten, *B* 139.
Nurse cells, v. Thymidine.

O_2, v. Indolebutyric acid.
Océanographie biologique; le rôle de la prospection sous marine autonome dans les recherches de biologie et d'océanographie biologique, *B* 417.
Östrogen, v. Eosinophil granulocytes.
Olfactory responses, v. Preoptic bulb.
Ontogeny, v. Brain.
Oogenesis, insect; histochemical studies of nucleolus and nucleolar extrusions in insect oogenesis, *B* 374.
Ophio-1-aminosäureoxydase; über die Hemmung der Ophio-1-aminosäureoxydase durch Antiserum, *B* 591.
Orbital gyrus, v. Monosynaptic reflex.
Orotic acid, v. Amino acids.
Osomotic remedial, v. *Schizosaccharomyces pombe*.
Ossification; v. Thalidomide.
Ouabain; the effect of ouabain on water consumption in the rat, *B* 700.
Ovaries, v. Thymidine .
Ovarioles of *Carausius morosus*, v. Follicle cells.
Ovary, v. Hormone production.
Oxidative coupling, v. Anilines.
Oxidative dephosphorylation, v. Phosphoryl esters
Oxidative phosphorylation; post-irradiation induced sensitization of inhibition of oxydative phosphorylation by iodoacetamide, *B* 666.
Oxygen consumption; a method for the contemporaneous determination of oxygen consumption and of other chemical parameters in the isolated intestine, *B* 123.
Oxygen tensions, v. Bacteria.
Oxytocin; an attempt to produce antibodies to oxytocin and vasopressin, *B* 325.

^{32}P; stability of the colloidal chromic radiophosphate ^{32}P to the isotopic exchange, *B* 522.
P 815, v. Methylhydrazine derivative.
Palamnaeus bengalensis, v. Ascorbic acid.
Pancreatic adrenal interaction, v. Aminocyclopentanecarboxylic acid.
Pantothenate, v. Pantothenic acid.
Pantothenic acid; balance studies on free and bound pantothenic acid in humans after administration of calcium pantothenate or coenzyme A, *B* 321.
Papaverin; der Einfluss von Papaverin auf Funktionen der Blutplättchen, *B* 578.
Papillary muscle, v. Potassium concentration.
Paracentrotus lividus, v. Chloramphénicol.
Paradoxurus hermaphroditus, v. Chromosomes.
Paraformaldehyde, v. Amino acids.
Paramedian reticular nucleus, v. Neurones.
Paramphistomatidae, v. Egg shell.
Parasitism, v. $C^{14}O_2$.
Parasympatholytics; the effect of treatment with parasympatholytics on the weight of the submaxillary gland of rats, *B* 668.
Parathyreozyten-Aktivität; die Treffermethode in der Messung der Parathyreozyten-Aktivität nach der Epiphysektomie, *B* 336.
PAS-INH-medication, v. Folate deficiency.
Pectine, v. Sensory pegs.
Pederin; cytotoxicity of pederin and some of its derivatives on cultured mammalian cells, *B* 176.
Pedipalp muscle, v. Ascorbic acid.
Pentacosapeptide; the adrenocorticotropic action of a new synthetic pentacosapeptide, *B* 528.
Pentobarbital, v. Kältezittern.
Peptides; mutual replaceability of amide and ester groups in biologically active peptides and depsipeptides, *B* 535.
–, v. Eledoisin.
Perchlorate; the effect of perchlorate ion and some pharmacological agents on the sensitivity of the frog (*Rana pipiens*) rectus abdominalis to acetylcholine, *B* 537.
Periplaneta americana, v. Sex pheromone.
Peroxide formation in gamma irradiated citrate buffer, *B* 166.
Pethidin, v. Kältezittern.
Pflanzengewebe, v. Kryostatschnittechnik.
Pflanzenteile, v. Maltose.
Phage infection; the effect of phage infection on the catalase induction of the *Staphylococcus aureus* culture, *B* 802.
Phagocytic activity; effect of menadione on the phagocytic activity of guinea pig polymorphonuclear leucocytes, *B* 433.
–, v. Thymectomy.
Phagocytosis and immunity, A 1.
Phallusia mammillata; development of the eggs of *Phallusia mammillata* in sea-water devoid of sulphate ions, *B* 435.
Phasenverschiebung; der durch circadiane Frequenzänderung entstehende Fehler bei der Bestimmung von Phasenverschiebung, *B* 340.
1,10-Phenanthroline, v. α,α'-Dipyridyl.
Phenolic anilines, v. Anilines.
Phenoloxidase, v. Hydroxyphenylcarboxylic acids.
Phenothiazine; mikrohistoautoradiographische Untersuchungen über die Verteilung von tritiummarkierten Phenothiazinen im Auge, *B* 153.
Phenylalanine, v. β-Pyrrolo-L-alanine.
Phomin; isolation and structure of phomin, *B* 750.
Phorbolester A, v. Cocarcinogene.
Phormia regina, v. Adenosintriphosphat.
Phosphatase; alkaline phosphatase in the mesentery and epididymal fat pad of normal hypertensive rats, *B* 48.
–; die Aktivität der alkalischen Phosphatase im Rattenharn nach Mastzelldegranulierung, *B* 91.
–; postnatal changes in phosphatase and non-specific esterase activity in the large intestine of the rat, *B* 518.
Phosphatase activity; semiquantitative estimation of phosphatase activity in the sephadex layer, *B* 625.
Phosphatase Aktivität; die alkalische Phosphatase Aktivität des Rattenserums nach anaphylaktoidem Schock, *B* 317.
Phosphatase, alkaline in synchronized human cells, *B* 708.
Phospholipid catabolism, v. Aseptic autolysis.
Phosphoryl esters; the oxidative dephosphorylation of phosphoryl esters derived from L-ascorbic acid, *B* 425.
Phosphorylase b-Kinase, v. Diäthyläther.
Phosphorylation, v. Thiamine.
Phosphorylierung, v. Thymidin.
Photic stimulation; extraprimary cortical evoked potentials in freely moving cat following photic stimulation, *B* 57.
Photodimerization; UV-induced photodimerization of thymine and 5-hydroxymethyluracil in frozen water solutions, *B* 23.
Photoinactivation; substrate effect on riboflavin-sensitized photoinactivation of taka amylase A, B 27.
Photophosphorylation; the effect of sulphydril agents in the ioxynil inhibited cyclic photophosphorylation in chloroplasts of *Vicia faba*, *B* 734.
Photoreaction, v. Furocoumarins.
Photosynthetic energy conversion, v. Chlorplast.
Phyllokinin; synthesis of phyllokonin, a natural bradykinin analogue, B 425.
Physarum polycephalum, v. Mitochondria.
Phytotoxin; the isolation of a phytotoxin from cultures of *Didymella applanata* (Niessl), *B* 248.
Pigment, v. Tryptophan.
Pineal organ; absence of electrical activity of the pigeon's pineal organ in response of light, *B* 402.
Pinealectomy; the effect of pinealectomy and thymectomy on the immune capacity of the rat, *B* 168.
Pituitary homogenates, v. Hypoglycaemic activity.

Plant tissue sections; X-ray microanalyser study on the localization of mineral in native plant tissue sections, *B* 503.
Plasma, v. Heme-protein fraction.
Plasmafaktoren, v. Netzhaut.
Platelet aggregation; the effect of drugs inhibiting the uptake of biogenic amines on adrenalin induced platelet aggregation, *B* 320.
Platelets; a microorganism affecting bovine platelets, *B* 458.
Poecilia reticulata, v. Hormone production.
Polyamines and nucleic acids in rat liver subjected to ionizing radiation, *B* 579.
Polymyxin; the chemistry of the polymyxin antibiotics, *A* 345.
Polymyxin D; chemical structure of polymyxin D, *B* 354.
Polypeptid-Metall-Komplex, v. Ni^{2+}-Angiotensin-II-Komplex.
–, v. Cu^{2+}-Polymyxin-B-Komplex.
Polypeptides, v. Uperolein.
Polyphosphates, v. Skin calcification.
Polyploidy and aneuploidy in Au 198 irradiated rat liver, *B* 661.
Pons, medulla oblongata, v. Noradrenaline neurons.
Potamon magnum magnum, v. Neurosecretory cell.
Potassium, v. Growth hormone.
Potassium concentration; the influence of the extracellular potassium concentration on the glycoside effects upon contractile force and action potential duration of the guinea pig papillary muscle, *B* 665.
Potassium transport, v. 2,3-Diphosphopglyceric acid.
Potentials, v. Chick embryo.
Präalbumin; Kristallisation des Präalbumins aus Humanseren, *B* 449.
Prealbumin, v. Castration.
Pre-γ-globulins; appearance of pre-γ-globulins soon after the very first dose of diphtheria toxoid in horse, *B* 167.
Precipitin test, v. Adenovirus antigens.
Pregnancy; a preliminary study of the immunoelectrophoretic properties of pregnant mares serum (PMS) together with its application to the diagnosis of pregnancy in the mare, *B* 33.
–, v. 5-Azacytidine.
–, v. Hyperthermia.
Preimplantation stages; rodent preimplantation stages: mounting 'in toto' and alterations due to anisotonic solutions, *B* 484.
Prenylamine; storage function and amine levels of the adrenal medullary granules at various intervals after prenylamine treatment, *B* 59.
Preoptic bulb; interaction patterns of preoptic and olfactory bulb evoked responses in the rat, *B* 397.
Procoagulant, urinary; reduced excretion of urinary procoagulant in uremic patients, *B* 318.
Progressus, studiorum – *B* 270, 342, 627, 851.
Prolactin, v. Growth hormone.
Propandioldehydrase-Reaktion; zum Mechanismus der Propandioldehydrase-Reaktion, *B* 502.
–; zur Stereochemie der Propandioldehydrase-Reaktion, *B* 72.
Propanediol sulfites; structure activity relationships of some centrally active dialkyl substituted propanediol sulfites, A 15.
Propranolol, v. Norepinephrine.
Prospection sous marine, v. Océanographie biologique.
Protein, v. Chlorpromazine.
–, v. Ethylenediaminetetraacetate.
Protein fraction; a protein fraction in locust hemolymph associated with the moulting cycle, *B* 228.
Protein polysaccharide linkages; the protein polysaccharide linkages in some proteoglycans, *B* 225.
Protein synthesis; temperature acclimatization and protein synthesis in the goldfish mucosa, *B* 678.
Proteinase; effects of a crystalline proteinase from *Bacillus subtilis* in angiotensins I and II, *B* 757.
Proteines urinaires spécifiques; distinction entre les variations phénotypiques sexuelles et génétiques chez le rat, par l'analyse immunoélectrophorétique des protéines urinaires spécifiques, *B* 28.
Proteins; disc electrophoresis of proteins in the presence of sodium dodecyl sulphate, *B* 124.
–, v. Amino acids.
Proteoglycans, v. Protein polysaccharide linkages.
Proteolytic activity, v. Anaphylaxis.
Proximal tubule, v. Inulin.
Prymnesin; studies on the growth of *Prymnesium parvum* Carter (Chrysomonadina) and on the formation of its toxin (Prymnesin), *B* 790.
Prymnesium parvum, v. Prymnesin.
Psammechinus miliaris, v. Thymidin.
Pseudomonas aeruginosa, v. Cystamine inhibition.
Pseudopregnancy; block to pseudopregnancy in mice caused by exposure to male urine, *B* 534.
Psychrometer, v. Leaf tissues.
Pteridine derivatives in the skin of *Lacerta muralis* Laur, *B* 251.
Pulmonary receptors; the tonically acting pulmonary receptors innervated by C-fibers, *B* 604.
Pulse stimulation; intracellular recording of electrical response of muscle fibre to transversely applied middle-frequency pulse stimulation, *B* 393.
Puromycin inhibition, v. Temperature acclimatization.
Pyramidal tract neurones; different activation of the two types of the pyramidal tract neurones through the cerebello thalamocortical pathway, *B* 331.
5-Pyridylcarbinol; zur Umwandlung von 5-Pyridylcarbinol in Nicotinsäure im tierischen Organismus, *B* 258.
Pyroglutamylpeptides, v. Aminoacidsequences.
β-Pyrrolo-L-alanine, a new antimetabolite of phenylalanine and tyrosine in *Escherichia coli*, *B* 809.
Pyruvate carboxylase; intracellular distribution of pyruvate carboxylase in mammalian brain cortex, *B* 728.

Q_{O_2}; variations de salinité chez les anguilles. Modifications du Q_{O_2} et des teneurs en cations des tissues hépatiques et rénaux, *B* 121.
Quarz; Abbau von Quarz mit Brenzkatechin, *B* 515.

Radiation, ionizing, v. Polyamines.
Radiation sensitivity, v. Nitric oxide.
–, v. Serotonin.
Radikale, v. Huminsäuren.
Radiogold clearance; the influence of the thymus on radiogold clearance, *B* 552.
Radioprotection; effect du pH sur la radioprotection des grains d'orge par les sels minéraux, *B* 82.
Radioprotective drugs; lysosomal modifications after administration of radioprotective drugs, *B* 235.
Radioprotective effect, v. Dimethyl sulfoxide.
Rana latastei, v. Sialopolysaccharidic components.
Rangstufe, v. *Sibbaldus musculus*.
RB 86, v. Coronary blood flow.
β-Receptor blocking sympatholytics; action of β-receptor blocking sympatholytics and of catecholamine depleting agents on $CaCl_2$-induced arrhythmias in rats, *B* 524.
Rectus abdominalis, v. Perchlorate.
Red Cells, v. ATP.
–, v. Cation transport.
Red nucleus neurons, v. Cerebral activation.
Red pigment; formation of red pigment during wood decay caused by white rot fungi, *B* 517.
Redondance de figure de contour; estimation de la redondance de figures de contour, *B* 198.
Regeneration, v. Carcinogenesis.
Renal medulla; the composition of the renal medulla during natriuresis accompanying saline loading in the rat, *B* 838.
Renin, v. Hypertension.
Replaceability of amide, v. Peptides.
Reserpine; the effect of reserpine on the intraneuronal vesicles of the rat vas deferens, *N* 56.
Reticular fibres, v. Sarcoma.
Retina, v. ATPase.
–, v. Strychnine-resistant inhibition.
Retinaneurone; Sinuslichtreizung der rezeptiven Felder einzelner Retinaneurone, *B* 192.
Rhodamin B Isothiocyanat; über ein Zwischenprodukt bei der Darstellung von Rhodamin-B-Isothiocyanat, B 558.
Riboflavin, v. Alanine transaminase activity.
Ribonuclease; the alkaline ribonuclease of rat serum during administration of 4-dimethylamino-azobenzene and copper oxyacetate, *B* 810.
Ribonucleic acid, v. Uridilate.
Ribonucleic acid content; the effect of fasting refeeding and meal eating on the ribonucleic acid content of adipose tissue in the rat, *B* 161.
Ribosomes, v. Tumour immunity.
Riesenzellen im Chorion laeve des Kaninchens, *B* 443.
RNA, v. Antigen.
–; a method for revealing inhibition of virus-induced synthesis of RNA, *B* 61.
RNS; zum Vorkommen von RNS im Nervenfaserbereich, *B* 762.
Röntgenganzkörperbestrahlung, v. Adrenalin.
Roots, v. Müller's experimental.

Rubremetaminium, v. Rubremetinium.
Rubremetinium; the rubremetinium and rubremetaminium cations, *B* 134.
Rumen, bovin, v. Bacteriophages.

Saccharomyces cerevisiae; a spindle analogue in *Saccharomyces cerevisiae* Hansen, *B* 808.
Saccharomyces rouxii, v. 4-Imidazol ethanol.
Salicylic acid, v. Choline salicylates.
Sarcoma; reticular fibres in Yoshida's sarcoma, *B* 221.
–, v. Ascites cells.
Sarcoplasmic reticulum; Demonstration of sacroplasmic reticum of skeletal muscle by hematoxylin, *B* 92.
Schizosaccharomyces pombe; osmotic remedial and osmotic sensitive mutants of *Schizosaccharomyces pombe*, *B* 216.
Schizosaccharomyces pombe, v. Fluorouracil.
Schlangengift; Hydroxyprolin-Ausscheidung im Rattenharn nach Injektion von Schlangengift, *B* 695.
75 Se; rate of uptake of 75 Se, as selenourea-75 Se, in rats in vivo, *B* 475.
Sea urchins; about a possible mechanism involved in the shedding of sea urchins, *B* 146.
Secretory potentials; inhibition of secretion and secretory potentials in the submandibular gland of the cat by acetazolamide, *B* 821.
Sedormid, v. Biliary pigment.
Seeigel, v. Thymidin.
Selenium; effect of selenium on food and water intake in the rat, *B* 117.
Selenourea, v. 75 Se.
Selentrioxid; über einige Reaktionen des Selentrioxids, *B* 133.
Semen, human, v. Ceruplasmin.
Sensory ganglia, v. Cadmium chloride.
Sensory pegs; fine structure and function of the sensory pegs on the scorpion pectine, *B* 89.
Sepiapterin; in vitro conversion of sepiapterin to isosepiapterin via dihydrobiopterin, *B* 793.
Serine, v. Folic acid.
Serine dehydrase, v. Starvation.
Serotonin; influence of serotonin on the radiation sensitivity of lactate dehydrogenase, *B* 514.
Sérotonine et glycémie chez les crustacés, *B* 238.
Serum, v. Chlorpromazine.
–, v. Diphtheria toxin.
–, v. Hexosamine.
–, v. Phosphatase Aktivität.
–, v. Pregnancy.
Serum, v. Castration.
–, v. Ribonuclease.
Serum factor; a MSH released serum factor acting on the blood aqueous barrier of the rabbit eye, *B* 156.
Ld Serum system, v. Lp.
Sex, v. Corticosterone.
Sex chromosome, v. Chromosome number.
Sex cycle in the male, *B* 630.
Sex pheromone; location of the sex pheromone in the american cockroach, *Periplaneta americana*, *B* 851.
Sexual isolation; the effect of sexual isolation on feeding pattern in mice, *B* 256.
Sham rage behaviour; excitation of sham rage behaviour by controlled electrical stimulation of group I muscle afferents, *B* 315.
Shedding of sea urchins, v. Sea urchins.
Sialopolysaccharidic components in egg gelatnious mantle of *Rana latastei* and *Bufo vulgaris*, *B* 601.
Sibbaldus musculus; die zentralnervöse Rangstufe des Blauwals (*Sibbaldus musculus*), *B* 849.
Simarubacées; sur la biosynthèse des constituants amers des simarubacées, *B* 511.
Simazin; Abbauprodukte von Simazin in Gramineen, *B* 741.
Sister cells; relative velocity of the division cycle in sister cells, *B* 501.
Skeletal muscle; the uptake by skeletal muscle of tritium labeled decamethonium and dimethyltubocurarine, *B* 521.
–, v. Acetylcholine content.
–, v. Sarcoplasmic reticulum.
Skeletmuskel, v. Diäthyläther.
–, v. Carnosine.
Skin calcification; inhibition of skin calcification (calciphylaxis) by polyphosphates, *B* 367.
Sleep; accelerated synaptic transmission in nucleus ventralis postero lateralis during deep sleep, *B* 329.
–; modulation during sleep of the spinocerebellar evoked potentials, *B* 455.
–; presynaptic and postsynaptic inhibition on transmission of cutaneous afferent volleys through the cuneate nucleus during sleep, *B* 239.
–, v. Eye movements.
Smoking; sex, lifespan and smoking, *B* 178.
Smooth muscle, v. Angiotensin.
Snake venoms, v. Aminoacid sequences.
$S^{35}O_2$; die biosynthetische Inkorporation von externem $S^{35}O_2$ in Glucobrassicin, *B* 24.
Sodium, v. Angiotensin.
Sodium dodecyl sulphate, v. Proteins.
Solanum auriculatum; pharmacological properties of a glycoalkaloidal fraction obtained from *Solanum auriculatum* Ait, *B* 464.
Song cycles, v. Circadian rhythm.
Souris, v. Hypothermie.
Spiders, v. Neurohormones.
Spinal cord, v. Neuronal nuclei.
Spindle, v. *Saccharomyces cerevisiae*.
Spino cerebellar potentials, v. Sleep.
Spirostomum dharwarensis n. sp.; nuclear apparatus and binary fission in *Spirostomum dharwarensis* n. sp., *B* 36.
Spore coats; preparation of spore coats of *Fusarium culmorum*, *B* 378.
Spores; evidence for an intracytoplasmic membrane in the core of spores of *Bacillus popilliae*, *B* 77.
Sporormia bipartis, v. 6-Methoxy-Mellein.
Stain; a useful new stain for electron microscopy, *B* 702.
Stain, vital; a vital stain for the specialized tissues of the heart, *B* 620.
Staphylococcus aureus, v. Phage infection.
Starvation induced adaptation of rat liver tyrosine transaminase and serine dehydrase, *B* 370.
Starvation, v. Ascorbic acid.
–, v. Thyroid.
Stenose, experimentelle, v. Mitochondrien.
Steroids, v. *Alangium lamarckii*.
Sterols; biosynthesis of plant sterols. Conversion of cholesterol to pregnenolone in *Digitalis purpurea*, *B* 506.
Stomach muscle, v. Action potential.
Strahlenpneumonitis, v. Adenosintriphosphorsäure.
Streptomyces noursei, v. Leucylphenylalanine anhydrid.
Stress, v. Corticosterone.
–; a unitarian hypothesis of altered reactivity to stress mediated by *Bordetella pertussis*, *B* 797.
Strobilae; the effect of sudden rise in temperature on strobilae of *Aurelia aurita*, *B* 588.
Strukturböden; Beobachtungen an rezenten und fossilen (kaltzeitlichen) Strukturböden, *A* 489.
Strychnine-resistant inhibition in the retina, *B* 49.
Submandibular gland, v. Secretory potentials.
Submaxillary gland, v. Parasympatholytics.
Succinic dehydrogenase and isocitric dehydrogenase activities in vitamin E sufficient and deficient fetal rats, *B* 164.
Succino oxidase activity; initial myocardial succino oxidase activity changes induced by intravenous infusion of *Escherichia coli* endotoxin in rabbit, *B* 242.
Succinoxidase activity of mitochondria isolated from the liver of rats after partial hepatectomy and hypophysectomy, *B* 150.
Suckling mice; evaluation of the material role in survival of suckling mice, *B* 477.
Süssholzwurzel; 7-Hydroxy-4-methoxy-isoflavon (Formononetin) aus Süssholzwurzel. Über Inhaltsstoffe der Süssholzwurzel, *B* 359.
Sugars; gustatory responses to anomeric sugars, *B* 612.
Sulfonamides, v. *Bacterium anitratum*.
Sulphonamides, v. Lucanthone.
Sulphydril agents, v. Photophosphorylation.
Sulfhydryl compounds, v. Cation transport.
Superior colliculus, v. Visual stimulus.
Supra-molecular elements, v. Crystallization.
Surface micróscopy of the large bowel, *B* 408.
Sympathicoblasten; elektronenmikroskopischer Nachweis spezifischer Grana in den Sympathicoblasten der Grenzstrangganglien von Hühnerembryonen, *B* 296.
Synaptic excitation in the corpus striatum inhibited by microelectrophoretically administered dopamine, *B* 839.
Synaptic transmission; about a possible participation of nucleic acids in synaptic transmissions, *B* 615.
–, v. Sleep.
Synthetic diet, v. Aphid.

Szintillationszählung; automatische Kompensation der Fluoreszenzlöschung und sonstiger Störfaktoren, die bei der Szintillationszählung radioaktiver Substanzen in Lösung auftreten, *B* 482.
Taka amylase A; inhibition of aggregation of heat-denatured taka-amylase A by substrate, *B* 392.
–; protective action of substrate from heat inactivation of taka amylase, *B* 366.
–, v. Photoinactivation.
Tamm horsfall mucoprotein, v. Mucoprotein.
TEE-Methode; über die Spezifität der TEE-Methode zur quantitativen Bestimmung von Ascorbinsäure und Gesamt-Vitamin-C im frischen Pflanzenmaterial, *B* 854.
Telencephalon, v. Chick embryo.
Temperature, v. Cell-morphology.
Temperature acclimatization; puromycin inhibition of changes in glucose evoked potential recorded in goldfish intestine after periods of temperature acclimatization, *B* 252.
–, v. Protein synthesis.
Temperature effect, v. Strobilae.
Terpenoids, v. *Alangium lamarckii*.
Testis; Gonadotrophic control of lamina popria and laminar collagen of testis, *B* 466.
Testosterone, v. Castration.
Tetrachloride intoxication; testicular degeneration in rats by carbon tertachloride intoxication, *B* 395.
Tetracycline toxicity, *B* 530.
Thalidomide; action of thalidomide on endosteal ossification in the pigeon, *B* 669.
Theoria, B 617, 774.
Thermal gravimetry, v. Nephrolits.
Thiamine; phosphorylation of thiamine in the intestinal wall during absorption in vivo, *B* 473.
Thiazolidine acetic acid derivatives; relationship between the chemical structure of thiazolidine acetic acid derivatives and the antiherpetic activity in human embryonic cell cultures, *C* 304.
Thoracic duct, v. Lymph.
Thoracic ganglion, v. Neurosecretory cell.
Thorium; electrometric studies on the reaction between thorium and alkali tungstate, *B* 104.
Thymectomy; effect of thymectomy on immune response in adult rats, *B* 253.
–; the phagocytic activity of Kupffer cells after thymectomy, *B* 576.
–, v. Pinealectomy.
Thymidin; Aktivitätsverlauf der enzymatischen Phosphorylierung von Thymidin während der Entwicklung des Seeigels *Psammechinus miliaris* von der Befruchtung bis zum Zweizeller, *B* 381.
Thymidine H^3 incorporation in the nurse cells of amphigonic and parthenogenetic ovaries of *Megoura viciae* (Hom. Aph), *B* 686.
Thymine, v. Photodimerization.
Thymus, v. Radigold clearance.
Thyroid; the effect of acute starvation on thyroid function in rodents, *B* 270.
Thyroidea; the effect of thyroid gland on 5-hydroxytryptamine level of brain stem and blood in rabbits, *B* 755.
Timidity and metabolic elimination patterns in audiogenic seizure susceptible and resistent female rats, *B* 627.
Tip potentials, v. Microelectrodes.
Tissue culture; a method for perfusing tiusse culture with an in vivo system, *B* 337.
Tissues hépatiques, v. QO_2.
Tracheal differentiation, v. Auxin effects.
Transesterification reactions, v. Ethylene phosphate.
Transplacental passage, v. Growth hormone.
Transversalsystem, v. Skeletmuskulatur.
Transverse septa, v. *Geotrichum lactis*.
Trematodes; occurrence of microvilli-like structures in the gut of digenetic trematodes, *B* 828.
Trigeminal afferent fibers, v. Eye movements.
Triglyceride behaviour, v. Diphtheria toxin.
Triturus viridescens, v. Cancer.
Trolnitrate phosphate, v. Necrosis, myocardial.
Trypsinogen activation, v. p-Aminobenzamidine.
Tryptophan; die Bildung eines rotbraunen Pigmentes durch Mikroorganismen bei Anwesenheit von Tryptophan in der Nährlösung, *B* 376.
Tuberculin reaction; further studies pertaining to a *B. perfussis* factor inhibiting the tuberculin reaction, *B* 219.
Tuberculosis, v. Glucose-6-phosphatase activity.
Tumour cells; localization of the exogenous fluorescent histones in Ehrlich ascites tumour cells, *B* 380.
–, v. Heavy water.
Tumour immunity in rats following injection of homologous ribosomes, *B* 467.
Tumours, v. Ibenzmethyzin hydrochloride.
Tunicata, v. Chitin.
Tween 60, v. Microelectrophoresis.
Tyrosine, v. Hydroxyphenylcarboxylic acids.
–, v. β-Pyrrolo-L-alanine.
H^3-Tyrosine; the conversion of H^3-tyrosine to H^3-DOPA in the adrenal glands under in vivo conditions, *B* 689.

Uperoleia rugosa, v. Uperolein.
Uperolein; occurrence of a physalaemin-like polypetide and other active polypeptides in the skin of *Uperoleia rugosa*, *B* 738.
Uraemia, chronic; red cell survival in chronic uraemia: its relationship with the spontaneous in vitro autohemolysis and with the degree of anaemia, *B* 739.
Urea excretion; enhanced urea excretion probably by forming inclusion compound with lutidine, *B* 520.
Uredinales, v. Iron alum.
Uridilate; on the incorporation of uridilate into cerebro-cortex ribonucleic acid, *B* 404.
Urine, v. Homogentisic acid.
–, v. Pseudopregnancy.

Vaginal cornification; role of adrenoephedrine in the induction of persistent vaginal cornification, *B* 110.
Valenzlehre; die Entwicklung der Valenzlehre und ALFRED WERNER, *A* 633.
Variations phénotypiques génétiques, v. Proteines urinaires spécifiques, *B* 28.
Vas deferens, v. Reserpine.
Vasodilator; ein chemisch neuartiger Vasodilator mit Wirkung auf die Lungenstrombahn, *B* 208.
Vasopressin; radiation inactivation of purified lysine vasopressin, *B* 342.
–, v. Oxytocin.
Venom; the effect of the venom of the digger wasp *Philanthus* on the fast and slow excitatory and the inhibitory system in the locust muscle, *B* 462.
Ventral roots, v. Regeneration.
Verbenalin; zur Biosynthese der Verbenalins und Aucubins, *B* 656.
Vermiculite; reduction of incubation time in citric acid fermentation by vermiculite, *B* 806.
Vertebrae, v. Hyperthermia.
Villosites intestinales; le fer dans les villosites intestinales de cobaye en carence protidique, *B* 500.
Viral hepatitis; chronic hepatic injury following experimental viral hepatitis in the dog, *B* 701.
Visual stimulus; the responses of units in the superior colliculus of the cat to a moving visual stimulus, *B* 51.
Vitamin B_{12}, v. Amino acids.
Vitamin C, v. TEE-Methode.
Vitamin E, v. Succinic dehydrogenase.
Vitreoscilla, v. Cell-morphology.

Warmblüternetzhaut, v. Barbiturateffekt.
Wash out, v. Krypton^{85}.
Wasp venom, v. Venom.
Wasserstoffüberträger, v. Coenzym B_{12}.
Water consumption, v. Ouabain.
Water intake, v. Selenium.
WERNER ALFRED, v. Valenzlehre.

X-radiation, prenatal; electrolyt content of the cerebral cortex in developing rats after prenatal X-radiation, *B* 608.
Xenopus laevis; facteurs influencant la fertilité des mâles de *Xenopus laevis* D. (Batracien Anoure), *B* 556.
–, v. Brain.

Z-Scheiben, v. Adenosintriphosphat.
HeLa-Zellkulturen, v. Calciphylaxie.
Zigarrenrauch, v. Zigarettenrauch.
Zigarettenrauch; elektronenoptische Untersuchungen des Hauptstrom-Rauchkondensats der Partikelphase des Zigaretten- und Zigarrenrauchs, *B* 703.
ZNS, v. Corps calleux.
–, v. Amino acid.
Zucker; zweidimensionale Dünnschichtchromatographie von Zuckern, *B* 767.
Zwerchfell, v. Myofibrillen

TABLE DES AUTEURS - AUTORENREGISTER
TAVOLA DEGLI AUTORI - INDEX OF AUTHORS

A = Articles généraux – Übersichtsreferate – Articoli riassuntivi – Surveys
B = Brèves communications – Kurze Mitteilungen – Brevi comunicazioni – Brief Reports
D = Informations – Informationen – Informazioni – Notes

ABDEL-HAMID, F. M., v. HASSAN, A., *B* 85.
ABEELEN, J. H. F., *B* 360.
ABOLINŠ, L., und RÜDIGER, W., *B* 298.
ADAMS, J. C., GAZAWAY, J. A. JR., BRAILSFORD, M. D., HARTMAN, P. A., and JACOBSON, N. L., *B* 717.
ADLER, R., v. NARBAITZ, R., *B* 677.
AEBI, H., v. MATSUBARA, S., *B* 428.
ABREU, L. A. DE, ABREU, REGINA RAPOSO, and POVOA, H. JR., *B* 507.
ABREU, REGINA RAPOSO, v. ABREU, L. A. DE, *B* 507.
ACHARYA, U. S. V., and RAO, S. S., *B* 167.
ACS, T., v. CSABA, G., *B* 168.
AGNOLI, A., v. FIESCHI, C., *B* 189.
AGOSTONI, A., SECCHI, G. C., und GERVASINI, N., *B* 730.
AGUIRRE, M. J. R., v. GARCÍA ACHA, I., *B* 378.
AHMED, S. A., v. MEYRATH, J., *B* 806.
AIRAN, M. J., DHARKAR, ARUNA P., and MASTER, R. W. P., *B* 789.
AKBARI-FARD, M., v. CHO, Y. W., *B* 242.
AKINO, M., v. KATOH, S., *B* 793.
ALBERT, S., WOLF, P. L., and POTTER, ROSAMOND, *B* 477.
ALBURN, H. E., v. DVONCH, W., *B* 517.
ALESSANDRINI, A., v. FABBRINI, A., *B* 408.
ALLMANN, K., und DUSPIVA, F., *B* 231.
ALTURA, B. M., THAW, C., and HERSHEY, S. G., *B* 786.
AMICI, A. M., MINGHETTI, A., SCOTTI, F., SPALLA, C., and TOGNOLI, L., *B* 415.
AMMON, H. P. T., v. ESTLER, C.-J., *B* 589.
ANDÉN, N. E., DAHLSTRÖM, ANNICA, FUXE, K., OLSON, L., and UNGERSTEDT, U., *B* 44.
ANDÉN, N.-E., FUXE, K., and LARSSON, K., *B* 842.
ANDERSSON, H., and ROOS, B.-E., *B* 539.
ANDRES, W. W., v. PATTERSON, E. L., *B* 209.
ANGHILERI, J., RECCHI, NELIDA, and BARUEL, J., *B* 78.
ANGHILERI, L. J., and MARQUÉS, R. *B* 522.
AOKI, K., v. MASSON, G. M. C., *B* 531.
ARCHAMBEAU, J., v. GILLET, C., *B* 82.
ARENS, J. F., v. PENDERS, TH., *B* 722.
ARIGONI, D., v. RÉTEY, J., *B* 72, 502, 783.
ARNON, DANIEL I., *A* 273.
ARREDONDO, M. I., v. BLACK, S. H., *B* 77.
ARULLANI, P., v. FABBRINI, A., *B* 408.
AUE, REGINA, MAULI, R., and SIGG, H. P., *B* 575.
AUERSWALD, W., v. DOLESCHEL, W., *B* 540.
AVANZINO, G. L., BRADLEY, P. B., and WOLSTENCROFT, J. H., *B* 410.

BACCARINI, A., B 46.
BACH, R., und STICHER, H., *B* 515.
BADIELLO, R., v. BRECCIA, A., *B* 475.
BAGNI, N., *B* 732.
BAGNI, N., and SERAFINI FRACASSINI, D., *B* 292.
BAHIG, M. R. E., v. HASSAN, A., *B* 646.
BÄHNER, K.-J., *B* 194.
BAID, I. C., HAFIDH, R. A., and DABAGH, S., *B* 543.
BAIER, E., *A* 129.
BALDINI, C., v. CASTELLANI, A. A., *B* 225.
BALDISSERA, F., BROGGI, G., and MANCIA, M., *B* 754.
BALDRATTI, G., CAMERINO, B., CONSONNI, A., FACCIANO, F., MANCINI, F., PALLINI, U., PATELLI, B., SCIAKY, R., SUCHOWSKY, G. K., and TANI, F., *B* 468.
BALESTRI, P. L., v. GIOVANETTI, S., *B* 739.
BALLESTRA, J. P. G., and VILLANUEVA, J. R., *B* 471.
BALLANTYNE, B., *B* 25.
BALLESTA, J. P. G., v. GARCÍA, ACHA, I., *B* 378.
BALLS, M., v. RUBEN, L. N., *B* 260.
BAN, Y., v. BROSSI, A., *B* 134.
BANNISTER, J. V., v. BANNISTER, W. H., *B* 626.
BANNISTER, W. H., BANNISTER, J. V., and MICALLEF, H., *B* 626.
BARBER-RILEY, G., *B* 233.
BARBIROLLI, B., v. CALDARERA, C. M., *B* 456.
BARTHEL, W., v. MARKWARDT, F., *B* 578.
BARTHOLINI, G., PLETSCHER, A., and TISSOT, R., *B* 609.
BARTOLOMEI, G., v. TORREGIANI, G., *B* 126.
BARTOŠ, F., *B* 716.
BARUEL, J., v. ANGHILERI, J., *B* 78.
BATTERSBY, A. R., v. BROSSI, A., *B* 134.
BATTISTINI, N., v. FIESCHI, C., *B* 189.
BAUCHAU, A. G., et MENGEOT, J. C., *B* 238.
BAUD, C. A., et DUPONT, D. H., *B* 18.
BAUMANN, CH., und HEISS, W. D., *B* 184.
BEANI, L., v. BIANCHI, CLEMENTINA, *B* 596.
BEAULINES, A., v. PANISSET, J.-C., *B* 394.
BEDÖ, C., v. SCHULLER, L., *B* 162.
BEHRENS, M., HAHN, H., und NEU, W., *B* 853.
BEHRENS, M., NEU, W., und THALACKER, R., *B* 265.
BENEŠ, J., v. ZÍCHA, B., *B* 712.
BENZ, G., *B* 81.
BENZAKEIN, F., v. BERGMANN, F., *B* 700.
BERAMENDI, A. R., v. LAGUENS, R. P., *B* 244.
BERDE, B., v. HOLLÄNDER, L. P., *B* 325.
BERETTA, E., v. KLEIN, W., *B* 139.
BERG, K., *B* 660.
BERGMANN, F., v. COSTIN, A., *B* 102.
BERGMANN, F., COSTIN, A., CHAIMOVITZ, M., and BENZAKEIN, F., *B* 700.
BERGMANN, F., v. PASTER, Z., *B* 790.
BERNARDI, L., BOSISIO, G., CASTIGLIONE, R. DE, and GOFFREDO, O., *B* 425.
BERGER, H., v. DRANSFELD, H., *B* 183.
BERNARD, HANNAH V., v. KREIS, W., *B* 431.
BERNARDI, L., BOSISIO G. CHILLEMI, F., CARO, G. DE, CASTIGLIONE, R. DE, ERSPAMER, V., and GOFFREDO, O., *B* 29.
BERNARDIS, L. L., *B* 593, 671.
BERNARDIS, L. L., v. KAMURA, S., *B* 547.
BERNARDIS, L. L., v. SKELTON, F. R., *B* 551.
BERNHEIM, F., *B* 801.
BEUTLER, E., and COLLINS, Z., *B* 827.
BIANCHI, CLEMENTINA, BEANI, L., and BOLLETI, A., *B* 596.
BIERI, H., *B* 617.
BIGLER, F., and THÖLEN, H., *B* 321.
BIRON, P., v. PANISSET, J.-C., *B* 394.
BISHUN, N. P., *B* 223.
BIZZI, A., TACCONI, M. T., and GARATTINI, S., *B* 664.
BLACK, S. H., and ARREDONDO, M. I., *B* 77 .
BLAIR-WEST, J. R., and MCKENZIE, J. S., *B* 291.
BLAZSEK, V. A., and GYERGYAY, F., *B* 380.
BOCKSTAHLER, E. R., v. WEAVER, L. C., *B* 15.
BODENSTEIN, W. G., v. STÜRCKOW, BRUNHILD, *C* 851.
BODOKY, M., v. CSABA, G., *B* 168.
BOHONOS, N., v. PATTERSON, E. L., *B* 209.
BOISSONNAS, R. A., GUTTMANN, ST., and PLESS, J., *B* 526.
BOLLETI, A., v. BIANCHI, CLEMENTINA, *B* 596.
BOLOGNANI, L., BOLOGNANI FANTIN, A. M., LUSIGNANI, R., and ZONTA, L., *B* 601.
BOLOGNANI FANTIN, A. M., v. BOLOGNANI, L., *B* 601.
BONAVITA, V., GUARNERI, ROSA, and PONTE, F., *B* 720.
BONOTTO, S., *B* 481.
BORBÉLY, A., v. GRAF, H., *B* 339.
BORGERS, M., v. HUGON, J., B 235.
BORNSCHEIN, H., HANITZSCH, RENATE, und LÜTZOW, ASTRID V., *B* 98.
BORNSCHEIN, H., and HEISS, W. D., *B* 49.
BOSE, S., GOTHOSKAR, B. P., and RANADIVE, K. J., *B* 509.
BOSISIO, G., v. BERNARDI, L., *B* 29, 425.
BOSTRÖM, K., v. GUNDERSEN, K., *B* 229.
BOTTINI, E., FILIPPI, G., COZZI, F., and MAGGIONI, G., *B* 19.
BOWERS, C. Y., v. ODELL, W. D., *C* 342.
BOZZAO, L., v. FIESCHI, C., *B* 189.
BRADBURY, S., SMITH, A. D., and WINKLER, H., *B* 142.
BRADLEY, P. B., v. AVANZINO, G. L., *B* 410.
BRADLEY, S. E., v. PREISIG, R., *B* 701.
BRAILSFORD, M. D., v. ADAMS, J. C., *B* 717.
BRAUN, T., and FÁBRY, P., *B* 152.
BRAUN, T., KAZDOVÁ, L., and FÁBRY, P., *B* 161.
BRECCIA, A., v. MUSAJO, L., *B* 75.
BRECCIA, A., TRENTA, A., BADIELLO, R., MORETTI, S., and MATTII, M., *B* 475.
BRECHT, K., and GEBERT, G., *B* 713.
BREMER, F., *A* 201.
BRIERLEY, J. B., v. BROWN, A. W., *B* 546.
BRODY, S., v. PAUL, K. G., *B* 799.
BROGGI, G., v. BALDISSERA, F., *B* 754.
BROOKE, R. C., v. WIRTZ, G. H., *B* 313.
BROSSI, A., GERECKE, M., BATTERSBY, A. R., KAPIL, R. S., BAN, Y., and TERASHIMA, M., *B* 134.
BROST, F., v. HÄNZE, S., *B* 830.
BROWN, A. W., and BRIERLEY, J. B., *B* 546.
BROWN, E. R., BUINAUSKAS, P., and SCHWARTZ, S. O., *B* 687.
BROWN, RACHEL, v. KELLEY, C., *B* 721.
BRUNNER, H., EICHENBERGER, K., MEIER, M., WILHELM, M., und SCHMIDT, P., *B* 208.

Brzin, B., *B* 149, 804
Buinauskas, P., v. Brown, E. R., *B* 687.
Bürk, G. K., v. Schoffa, G., *B* 856.
Burton, R. A., v. Hollstein, U., *B* 210.
Bury, H. P. R., v. Crane, W. A. J., *B* 48.

Caldarera, C. M., Barbirolli, B., and Marchetti, M., *B* 456.
Caldarera, C. M., Cozzani, C., and Moruzzi, Maria S., *B* 579.
Camerino, B., v. Baldratti, G., *B* 468.
Cañas-Rodriguez, A., *B* 472.
Capanna, E., Civitelli, Maria Vittoria, Martino, C. de, and Procicchiani, Giovanna, *B* 114.
Caravita, S., v. Palladini, G., *B* 585.
Carli, G., Diete-Spiff, K., and Pompeiano, O., *B* 239, 455, 583.
Carli, G., v. Malliani, A., *B* 315.
Carlini, E. A., v. Endo, R. M., *B* 757.
Carlucci, A. F., v. Gundersen, K., *B* 229.
Carlsson, C.-A., Sjöstrand, J., Sundin, T., and Thulin, C.-A., *B* 766.
Caro, G. de, v. Bernardi, L., *B* 29.
Caro, G. de, v. Erspamer, V., *B* 738.
Carthy, J. D., *B* 98.
Casale, C., v. Fabbrini, A., *B* 408.
Caspi, E., Lewis, D. O., Piatak, D. M., Thimann, K. V., and Winter, A., *B* 506.
Castellani, A. A., Zonta, L., Baldini, C., and Laterza, A., *B* 225.
Castglione, R. de, v. Bernardi, L., *B* 29, 425.
Casu, Anna, Monacelli, R., and Pala' Valeria, *B* 544.
Casu, A., Quercio, M., and Modena, B., *B* 314.
Cerletti A., v. Meier,-Ruge W., *B* 153.
Chaimovitz, M., v. Bergmann, F., *B* 700.
Chaimovitz, M., v. Costin, A., *B* 102.
Challice, C. E., v. Emberson, J. M., *B* 620.
Chambers, P. L., and Salmons, T. J., *B* 127.
Chang, Y, C., v. Mello, W. C. de, *B* 680.
Charles, A., *B* 486, 702.
Chase, M. H., v. Clemente, C. D., *B* 844.
Chatagner, Fernande, v. Goswami, M. N. D., *B* 370.
Chatterjea, J. B., v. Swarup, Sushiela, *B* 580.
Chatterjee, A., *B* 395.
Chatterjee, A., and Mukherjee, A. P., *B* 110.
Chatterjee, A. K., Jamdar, S. C., and Ghosh, B. B., *B* 794.
Chatterjee, Iva, v. Lahiri, S. C., *B* 464.
Chérie Lignière, E. L., v. Esposito, S., *B* 603.
Chiarelli, B., *B* 797.
Chiarelli, B., and Sarti, M., *B* 652.
Chillemi, F., v. Bernardi, L., *B* 29.
Chivu, V., v. Lupulescu, A., *B* 222.
Cho, Y. W., Akbari-Fard, M., and Dugge, E. J., *B* 242.
Chordi, A., v. Diaz, R., *B* 825.
Chrisp, R. B., v. Pangborn, R. M., *B* 612.
Chvapil, M., Ehrlichová, E., and Hurych, J., *B* 584.
Ciofalo, L. M., and Roberts, M. E., *B* 97.
Cioni, L., v. Giovanetti, S., *B* 739.
Civitelli, Maria Vittoria, v. Capanna, E., *B* 114.
Clark, V. M., Hershey, J. W. B., and Hutchinson, D. W., *B* 425.
Class, E., *B* 133.
Clemente, C. D., Chase, M. H., Knauss, T. K., Sauerland, E. K., and Sterman, T. K., *B* 844.
Cohen, I., Djaldetti, M., Sandbank, U., Klibansky, Ch., and Vries, A. de, *B* 662.
Collins, Z., v. Beutler, E., *B* 827.
Consonni, A., v. Baldratti, G., *B* 468.
Corbin, A., and Story, J. C., *B* 694.
Corner, M. A., *B* 188.
Costin, A., v. Bergmann, F., *B* 700.
Costin, A., Bergmann, F., Chaimovitz, M., and Ginath, Y., *B* 102.
Counsell, R. E., v. Elton, R. L., *B* 437.
Cozzani, C., v. Caldarera, C. M., *B* 579.
Cozzi, F., v. Bottini, E., *B* 19.
Crane, W. A. J., and Bury, H. P. R., *B* 48.
Crawford, N., Sutton, Maureen, and Horsfield, G. I., *B* 710.
Crispens, Ch. G. jr., *B* 823.
Csaba, B., v. Tóth, S., *B* 755.
Csaba, G., Bodoky, M., Fischer, J., and Ács, T., *B* 168.
Csaba, G., Dunay, C., and Fischer, J., *B* 253.
Cunningham, A. W. B., O'Lague, P., Rojas-Corona, R. R., and Freeman, J. A., *B* 439.
Curtius, H. Ch., v. Sigel, H., *B* 649.
Cusimano-Carollo, T., v. Molinaro, M., *B* 246.
Custance, D. R. N., *B* 588.

Dabagh, S., v. Baid, I. C., *B* 543.
Dadák, V., and Hŏdák, K., *B* 38.
Dadd, R. H., and Mittler, T. E., *B* 832.
Dagnino, N., Favale, E., Loeb, C., Manfredi, M., and Seitun, A., *B* 329.
Dahlström, Annica, v. Andén, N. E., *B* 44.
Dalderup, M. L., and Vries, J. E. de, *B* 597.
Dall'Acqua, F., v. Musajo, L., *B* 75.
Daly, J. W., and Heatwole, H., *B* 764.
D'Amico, G., Sirchia, G., Ferrone, S., and Romagnoni, M., *B* 32.
Da Prada, M., and Pletscher, A., *B* 465.
Dasgupta, B., *B* 287.
Dasgupta, B., and Sharma, Sheela, *B* 647.
Debreceni, L., v. Szentivanyi, M., *B* 171.
Decandia, M., and Provini, L., *B* 187.
Deenen, L. L. M. van, v. Gier, J. de, *B* 20.
Degraeve, N., v. Jana, M. K., *B* 581.
Deknudt, Gh., v. Léonard, A., *B* 715, 744.
Dellacha, J. M., Enero, María A., and Faiferman, I., *B* 16.
Delsol, M., v. Flatin, J., *B* 94.
Demolis, A., v. Wagner-Jauregg, Th., *B* 288.
Deodhar, Sh. D., v. Masson, G. M. C., *B* 531.
Desai, R. N., *B* 35.
Dharkar, Aruna P., v. Airan, M. J., *B* 789.
Djaldetti, M., v. Cohen, I., *B* 662.
Diaz, R., and Chordi, A., *B* 825.
Dienstbier, Z., v. Zícha, B., *B* 712.
Diete-Spiff, K., v. Carli, G., *B* 239, 455, 583.
Doepfner, W., *B* 527.
Doleschel, W., and Auerswald, W., *B* 540.
Doležel, S., *B* 307.
Dolfini, S., and Gottardi, A. *B* 144.
Dominic, C. J., *B* 534.
Donati, R. M., Warnecke, M. A., and Galagher, N. I., *C* 270.
Donato, L., v. Torregiani, G., *B* 126.
Donoso, A. O., *B* 191.
Drahota, Z., v. Hahn, P., *B* 706.
Dransfeld, H., und Berger, H., *B* 183.
Dufour, D., Gauthier, G., et Lemieux, S., *B* 28.
Dugge, E. J., v. Cho, Y. W., *B* 242.
Dunay, C., v. Csaba, G., *B* 253.
Dupont, D. H., v. Baud, C. A., *B* 18.
Duspiva, F., v. Allmann, K., *B* 231.
Duspiva, F., v. Hansen-Delkeskamp, E., *B* 381.
Dutt, Kamla, *B* 815.
Dvonch, W., Greenspan, G., and Alburn, H. E., *B* 517.
Dyster-Aas, H. K., and Krakau, C. E. T., *B* 156.

Ehinger, B., and Gustafsson-Sporrong, B., *B* 218.
Ehrlichová, E., v. Chvapil, M., *B* 584.
Eichenberger, K., v. Brunner, H., *B* 208.
Eichner, D., *B* 620.
Elens, A. A., Mouravieff, A. N., and Heuts, M. J., *B* 186.
El-Fouly, M. M., *B* 854.
Elghamry, M. I., v. Hassan, A., *B* 85.
Elmiger, P., *B* 484.
Elton, R. L., Counsell, R. E., Klimstra P. D., and Nutting, E. F., *B* 437.
Emberson, J .W., and Challice, C. E., *B* 620.
Emmelin, N., Nordenfelt, I., and Perec, C., *B* 725.
Endean, R., v. Erspamer, V., *B* 738.
Endo, R. M., Santos, M., and Carlini, E. A., *B* 757.
Enero, María, A., v. Dellacha, J. M., *B* 16.
Engelmann, W., *B* 606.
Erlenmeyer, H., v. Flierl, C., *B* 784.
Ernst, A. M., and Smelik, P. G., *B* 837.
Erspamer, V., v. Bernardi, L., *B* 29.
Erspamer, V., Caro, G. de, and Endean, R., *B* 738.
Esposito, S., and Chérie Lignière, E. L., *B* 603.
Esposito, G., v. Faelli, *B* 123
Esser, H. O., and Müller, P. W., *B* 36.
Estler, C. J., and Ammon, H. P. T., *B* 589.
Ewen, A. B., *B* 470.
Ewenson, I. W. de, Gianturco, F. A., and Gramaccioni, P., *B* 14.

Fabbrini, A., Torsoli, A., Alessandrini, A., Onori, L., Greco, V., Casale, C., Arullani, P., and Re, M., *B* 408.
Fábry, P., v. Braun, T., *B* 152, 161.
Facciano, F., v. Baldratti, G., *B* 468.
Faelli, A., and Esposito, G., *B* 123.
Faiferman, I., v. Dellacha, J. M., *B* 16.
Falconi, G., Müller, E., and Pecile, A., *B* 333.
Fare, G., and Sammons, D. C. H., *B* 668.
Favale, E., v. Dagnino, N., *B* 329.
Federighi, G., v. Torregiani, G., *B* 126.
Felber, J.-P., v. Moody, A. J., *B* 241.
Felicioli, R. A., Gabrielli, F., and Rossi, C. A., *B* 728.
Ferraresi. W. R., v. Valentinuzzi, M., *B* 312.
Ferreyra, Moyano, H., *B* 397.
Ferrone, S., v. D'Amico, G., *B* 32.
Ferrone, S., Zanella, A., and Sirchia, G., *B* 731.
Fieschi, C., Agnoli, A., Battistini, N., and Bozzao, L., *B* 189.
Figge, K., *B* 767.
Filippi, G., v. Bottini, E., *B* 19.
Fioretti, A., v. Soldati, M., *B* 176.
Fischer, J., v. Csaba, G., *B* 168, 253.
Fischer, R., *B* 178.
Flatin, J., et Delsol, M., *B* 94.
Fleisch, H., v. Schibler, D., *B* 367.
Fleischmann, L., v. Santamaria, Leonida, *B* 430.
Flickinger, R. A., v. Miyagi, M., *B* 50.
Flierl, C., Sigel, H., und Erlenmeyer, H., *B* 784.

Floersheim, G. L., *B* 219.
Forsberg, J.-G., and Norell, Kristina, *B* 402.
Forssmann, W. G., und Matter, A., *B* 816.
Förster, W., v. Papp, J., *B* 524.
Fortin, J., v. Rothstein, H., *B* 294.
Fox, L. E., v. Shah, Nandkumar S., *B* 648.
Fox, M. W., *B* 111, 447.
Fox, M. W., and Inman, O. R., *B* 54.
Frankstein, S. I., and Sergeeva, Z. N., *B* 604.
Franz, J., v. Holländer, L. P., *B* 326.
Freeman, J. A., v. Cunningham, A. W. B., *B* 439.
Freudenberg, E., *B* 317.
Fridrich, R., *B* 116.
Fridrich, R., and Schäfer, M., *B* 552, 576.
Friedmann, Th., *B* 624.
Fritz-Niggli, H., *B* 666.
Furlenmeier, A., Fürst, A., Langemann, A., Waldvogel, G., Hocks, P., Kerb, U., and Wiechert, R., *B* 573.
Furrer, G., *A* 489.
Fürst, A., v. Furlenmeier, A., *B* 573.
Fuxe, K., v. Andén, N.-E., *B* 44, 842.

Gabbiani, G., *B* 261.
Gabler, E., *B* 542.
Gabrielli, F., v. Felicioli, R. A., *B* 728.
Gaetani, M., v. Turolla, E., *B* 675.
Galagher, N. I., v. Donati, R. M., *C* 270.
Galegov, G. A., and Zhdanov, V. M., *B* 61.
Galskov, A., *B* 63.
Ganz, A., v. Gelfand, S., *B* 478.
Garattini, S., v. Bizzi, A., *B* 664.
Garattini, S., v. Rosso, R., *B* 62.
García, Acha I., Ballesta, J. P. G., Aguirre, M. J. R., and Villanueva, J. R. ,*B* 378.
Garcia-Buñuel, L., Garcia-Buñuel, Virginia M., and Green, L., *B* 173.
Garcia-Buñuel, Virginia M., v. Garcia-Buñuel, L., *B* 173.
Gárdos, G., *B* 308.
Garland, W. B., v. Lohmann, W., *B* 514.
Gaude, H., und Weber, W., *B* 396.
Gaudin, P., v. Vidmar-Cvjetanovic, B., *B* 737.
Gauthier, G., v. Dufour, D., *B* 28.
Gazaway, J. A., jr. v. Adams, J. C., *B* 717.
Gebert, G., v. Brecht, K., *B* 713.
Geissler, E. v. Menzel, G. R., *B* 800.
Gelfand, S., and Ganz, A., *B* 478.
Genest, K., *B* 681.
Geratz, J. D., *B* 73.
Gerecke, M., v. Brossi, A., *B* 134.
Gervasini, N., v. Agostoni, A., *B* 730.
Ghione, M., v. Soldati, M., *B* 176.
Ghosh, B. B., v. Chatterjee, A. K., *B* 794.
Ghosh, S. K., v. Swarup, Sushiela, *B* 580.
Giagnoni, P., v. Giovanetti, S., *B* 739.
Gianturco, F. A., v. Ewenson, I. W. de, *B* 14.
Gier, J. de, Deenen, L. L., M. van and Senden, K. G. van, *B* 20.
Gillet, C., et Archambeau, J., *B* 82.
Giménez-Martín, G., v. López-Sáez, J. F., *B* 501.
Ginath, Y., v. Costin, A., *B* 102.
Giovanetti, S., Giagnoni, P., Balestri, P. L., and Cioni, L., *B* 739.
Gitter, S., v. Speiser, Z., *B* 523.
Giuseppe, L. de, v. Rindi, G., *B* 473.
Glick, B., and Whatley, Sandra, *B* 179.
Glöde, J., v. Poduška, K., *B* 809.
Glusa, E., v. Markwardt, F., *B* 578.
Gocke, D., v. Preisig, R., *B* 701.
Goffredo, O., v. Bernardi, L., *B* 29, 425.
Golda, V., Petřek, J., and Lisoněk, P., *B* 57.
Goldenberg, D. M., v. Neuhaus, W., *B* 174.
Gómez Dumm, C. L., v. Laguens, R. P., *B* 244.
Gonzáles-Fernández, A., v. López-Sáez, J. F., *B* 501.
Gorkin, V. Z., Gridneva, L. I., Klyashtorin, L. B., Veryovkina, I. V., and Vina, I., *B* 157.
Goswami, M. N. D., and Chatagner, Fernande, *B* 370.
Gothoskar, B. P., v. Bose, S., *B* 509.
Gottardi, A., v. Dolfini, S., *B* 144.
Götze, J., v. Meyer, R., *B* 363.
Graf, H., und Borbély, A., *B* 339.
Gramaccioni, P., v. Ewenson, I. W. de, *B* 14.
Greco, V., v. Fabbrini, A., *B* 408.
Green, L., v. Garcia-Buñuel, L., *B* 173.
Greenspan, G., v. Dvonch, W., *B* 517.
Gridneva, L. I., v. Gorkin, V. Z., *B* 157.
Grillner, S., Hongo, T., and Lund, S., *B* 691.
Grillner, S., and Lund, S., *B* 390.
Grobecker, H., und Holtz, P., *B* 42.
Grobecker, H., und Schümann, H. J., *B* 22.
Groenendijk-Huijbers, Margot, M., *B* 266, 302.
Gröger, D., v. Hüni, J. E. S., *B* 656.
Gross, H., v. Poduška, K., *B* 809.
Grunberg, E., and Prince, H. N., *B* 324.
Grüsser, O.-J., v. Rackensperger, W., *B* 192.
Guarneri, Rosa, v. Bonavita, V., *B* 720.
Guerritore, A., v. Ramponi, G., *B* 705.
Guimarães, J. P., *B* 661.
Gundersen, K., Carlucci, A. F., and Boström, K., *B* 229.
Gupta, M. L., *B* 457.
Gupta, P. D., *B* 374.
Gustafsson-Sporrong, B., v. Ehinger, B., *B* 218.
Guttmann, S., v. Laron, Z., *B* 831.
Guttmann, St., v. Boissonnas, R. A., *B* 526.
Guttes, E., v. Guttes, Sophie, *B* 452.
Guttes, Sophie, Guttes, E., and Hadek, R., *B* 452.
Gwinner, E., *B* 765.
Gyergyay, F., v. Blazsek, V. A., *B* 380.

Hadek, R., v. Guttes, Sophie, *B* 452.
Hadjimarkos, D. M., *B* 117.
Hafidh, R. A., v. Baid, I, C., *B* 543.
Hagemann, U., v. Kluthe, R., *B* 385.
Hahn, H., v. Behrens, M., *B* 853.
Hahn, P., and Drahota, Z., *B* 706.
Hailman, J. O., *B* 257.
Hais, I. M., v. Simek, J., *B* 150.
Halberg, F., v. Haus, E., *B* 113.
Halton, D. W., *B* 828.
Hambsch, K., v. Krug, H., *B* 683.
Hamburgh, M., v. Mendoza, L. A., *B* 256.
Hammarström, L., Rithén, M., and Ullberg, S., *B* 213.
Hammer, B., und Landolt, A. M., *B* 413.
Hanin, I., and Jenden, D. J., *B* 537.
Hanitzsch, Renate, v. Bornschein, H., *B* 98.
Hanitzsch, Renate, v. Rockstroh, W., *B* 100.
Hansen-Delkeskamp, E., und Duspiva F., *B* 381.
Hänze, S., und Brost, F., *B* 830.
Hargreaves, T., and Scrimgeour, G., *B* 382.
Harries, Diann, and Russell, A. D., *B* 803.
Hartman, J., v. Pilný, J., *B* 334.
Hartman, P. A., v. Adams, J. C., *B* 717.
Hartweg, H., und Lemanczyk, D., *B* 147.
Hashimoto, K., Kato, T., and Inagaki, K., *B* 520.
Hassan, A., and Bahig, M. R. E., *B* 646.
Hassan, A., Elghamry, M. I., and Abdel-Hamid, F. M., *B* 85.
Hattingberg, von, H. M., Klaus, W., Lüllmann, H., und Zepf, S., *B* 553.
Haupt, H., und Heide, K., *B* 449.
Haus, E., and Halberg, F., *B* 113.
Häusler, G., v. Wagner-Jauregg, Th., *B* 288.
Hayashi, K., Suketa, Y., Tsukamoto, K., and Suzuki, T., *B* 354.
Heatwole, H., v. Daly, J. W., *B* 764.
Heide, E. A., *B* 703.
Heide, K., v, Haupt, H., *B* 449.
Heiss, W. D., v. Baumann, Ch., *B* 184.
Heiss, W. D., v. Bornschein, H., *B* 49.
Heller, J., *B* 838.
Hempel, K., and Männl, H. F. K., *B* 689.
Hennecke, H., v. Herbst, A., *B* 718.
Hennighausen, G., v. Wiegershausen, B., *B* 234.
Herbert, S., v. Verne, J., *B* 500.
Herbst, A., Wiechert, P., und Hennecke, H., *B* 718.
Hershey, J. W. B., v. Clark, V. M., *B* 425.
Hershey, S. G., v. Altura, B. M., *B* 786.
Herz, A., and Zieglgänsberger, W., *B* 839.
Heuts, M. J., v. Elens, A. A., *B* 186.
Hevér, Ö., *B* 41.
Hill, M., *B* 726.
Hiltebrand, H., v. Hüni, J. E. S., *B* 656.
Himwich, Williamina, A., v. Mitchell, W. K., *B* 673.
Ho, R.-J., Jeanrenaud, B., and Renold, A. E., *B* 86.
Höckfelt, T., *B* 56.
Hocks, P., v. Furlenmeier, A., *B* 573.
Hodák, K., v. Dadák, V., *B* 38.
Hoffmann, E. A., v. Hucker, H. B., *B* 855.
Hoffmann, A., v. Markwardt, F., *B* 578.
Holland, G. F., v. Pereira, J. N., *B* 658.
Holländer, L. P., Franz, J., and Berde, B., *B* 325.
Hollstein, U., Burton, R. A., and White, J. A., *B* 210.
Holm, O., and Krakau, C. E. T., *B* 773.
Holtz, P., v. Grobecker, H., *B* 42.
Hongo, T., v. Grillner, S., *B* 691.
Horsfield, G. I., v. Crawford, N., *B* 710.
Houba, V., and Houba, J., *B* 829.
Hruška, K., *B* 625.
Hübner, G., v. Krug, H., *B* 683.
Hucker, H. B., and Hoffman, E. A., *B* 855.
Hugon, J., Maisin, J. R., and Borgers, M., *B* 235.
Hüni, J. E. S., Hiltebrand, H., Schmid, H., Gröger, D., Johne, S., und Mothes, K., *B* 656.
Hurter, J., *B* 741.
Hurych, J., v. Chvapil, M., *B* 584.
Hutchinson, D. W., v. Clark, V. M., *B* 425.

Inagaki, K., v. Hashimoto, K., *B* 520.
Inglot, Anna D., and Kochman, Marian, *B* 322.
Inman, O. R., v. Fox, M. W., *B* 54.
Ioppolo, Carmela, *B* 742,
Ishibashi, H., v. Masai, H., *B* 745.

Ivanuš, J., v. Janković, B. D., *B* 459.
Iwanaga, S., v. Kato, H., *B* 49.

Jacobson, H. L., v. Adams, J. C., *B* 717.
Jadassohn, W., v. Vidmar-Cvjetanovic, B., *B* 737.
Jamdar, S. C., v. Chatterjee, A. K., *B* 794.
Jana, M. K., Moutschen, J., and Degraeve, N., *B* 581.
Janjić, M., v. Janković, B. D., *B* 459.
Janković, B. D., Rakić, L. M., Janjić, M., Ivanuš, J., and Mitrović, K., *B* 459.
Jayaraj, S., *B* 445.
Jeanrenaud, B., v. Ho, R.-J., *B* 86.
Jenden, D. J., v. Hanin, I., *B* 537.
Jenny, M., Müller, A. F., and Mach, R. S., *B* 528.
Jeremias, K., und Kull, U., *B* 141.
Joh, Y., and Makino, K., *B* 591.
Johne, S., v. Hüni, J. E. S., *B* 656.
Jones, W. C., v. Stammer, Ch. H., *B* 600.
Jones, W., R., v. Weaver, L. C., *B* 15.
Jordan, P., und Kaczmar, U., *B* 482.
Juhasz-Nagy, A., v. Szentivanyi, M., *B* 171.
Juhlin, L., v. Shelley, W. B., *B* 412.

Kaczmar, U., v. Jordan, P., *B* 482.
Kadziela, W., and Kokociński, W., *B* 45.
Kakkar, R. K., *B* 137.
Kaláb, D., *B* 23.
Kalberer, F., v. Meier-Ruge, W., *B* 153.
Kampp, M., v. Lundgren, O., *B* 268.
Kamura, S., Niwa, T., Skelton, F. R., and Bernardis, L. L., *B* 547.
Kaneda, M., v. Shimizu, N., *B* 109.
Kapil, R. S., v. Brossi, A., *B* 134.
Kastin, A. J., and Schally, A. V., *B* 389.
Kato, H., Iwanaga, S., and Suzuki, T., *B* 49.
Kato, T., v. Hashimoto, K., *B* 520.
Katoh, S., and Akino, M., *B* 793.
Kaulla, K. N. von, v. Matsumura, T., *B* 318.
Kawabata, K., v. Shimizu, N., *B* 109.
Kazdová, L., v. Braun, T., *B* 161.
Kečkeš, S., Ozretić, B., and Lucu, C. *B* 146.
Keller-Schierlein, W., *B* 355.
Kelley, C., and Brown, Rachel, *B* 721.
Kemény, T., and Tarján, R., *B* 748.
Kennes, F., v. Reuter, A. M., *B* 840.
Kerb, U., v. Furlenmeier, A., *B* 573.
Kerekes, M., v. Schuller, L., *B* 162.
Kerling, L. C. P., v. Salemink, C. A., *B* 248.
Khairalla, P. A., v. Türker, K. R., *B* 696.
Kihlström, J. E., *C* 630.
Kim, S. E., v. Moos, W. S., *B* 814.
Kim, S. S., v. Tomita, G., *B* 27, 366, 392.
King, Dorothy W., v. Verma, K., *B* 164.
Klaus, W., v. Hattingberg, H. M. von, *B* 553.
Klein, W., und Beretta, E., *B* 139.
Kleine, N., v. Kluthe R., *B* 385.
Kleist, H., und Mücke, D., *B* 136.
Klibansky, Ch., v. Cohen, I., *B* 662.
Klimstra, P. D., v. Elton, R. L., *B* 437.
Kluthe, R., Kleine, N., und Hagemann, U., *B* 385.
Klyashtorin, L. B., v. Gorkin, V. Z., *B* 157.
Knapp, W., v. Zwillenberg, L. O., *B* 483.
Knapstein, P., und Oertel, G. W., *B* 577.
Knapstein, P., Wendelberger, F., and Oertel, G. W., *B* 785.
Knauss, T. K., v. Clemente, C. D., *B* 844.
Ko, H., v. Reusser, F., *B* 310.
Kochman, Marian, v. Inglot, Anna, D., *B* 322.
Kokociński, W., v. Kadziela, W., *B* 45.
Koldovský, O., v. Masnerová, M., *B* 518.
Koopmans, Alie, v. Rao, L. S. Prahlada, *B* 808.
Kosaka, K., v. Tsukahara, N., *B* 193.
Kovács, E. Lantos, J., and Mazarean, H. H., *B* 802.
Krakau, C. E. T., v. Dyster-Aas, H. K., *B* 156.
Krakau, C. E. T., v. Holm, O., *B* 773.
Krause, E.-G., *B* 479.
Krbačič, A., v. Schauer, P., *B* 304.
Kreis, W., Piepho, Susan, B., and Bernard, Hannah V., *B* 431.
Kritchevsky, D., and Tepper, Shirley A., *B* 84.
Kröger, H., Stutz, E., Rother, M., and Niehoff, S., *B* 300.
Krstić, R., *B* 336.
Krug, H., Hübner, G., Hambsch, K., and Ludewig, R., *B* 683.
Kubát, K., v. Masnerová, M., *B* 518.
Kühnel, W., v. Petry, G., *B* 443.
Kühnemund, O., und Ozegowski, W., *B* 558.
Kull, U., v. Jeremias, K., *B* 141.
Kumazawa, T., *B* 393.
Kumlien, A., v. Paul, K. G., *B* 799.
Kurath, P., *B* 657.
Kusunoki, T., v. Masai, H., *B* 745.
Kutáček, M., Spálený, J., und Oplištilová, K., *B* 24.

Labhardt, H., *A* 65.
Laguens, R. P., Lozada, B. B., Gomez Dumm, C. L., and Beramendi, A. R., *B* 244.
Lahiri, S. C., Maiti, P. C., and Chatterjee, Iva, *B* 464.
Lallier, R., *B* 724.
Lambert, J. G. D., *B* 476.
Lamprecht, J., und Remensperger, P., *B* 293.
Landi, L., Pasquali, P., and Marchetti, M., *B* 362.
Landolt, A. M., v. Hammer, B., *B* 413.
Lang, B. A., and Lang, K. J., *B* 170.
Lang, K. J., v. Lang, B. A., *B* 170.
Langemann, A., v. Furlenmeier, A., *B* 573.
Lantos, J., v. Kovács, E., *B* 802.
Laron, Z., Mannheimer, S., and Guttmann, S., *B* 831.
Laron, Z., v. Speiser, Z., *B* 523.
Larsson, K., v. Andén, N.-E., *B* 842.
LaRue, T., and Spencer, J. F. T., *B* 729.
Laterza, A., v. Castellani, A. A., *B* 225.
Lăuchli, A., *B* 335.
Lăuchli, A., and Schwander, H., *B* 503.
Lecocq, J., *B* 361.
Lecyk, M., *B* 254.
Lejsek, K., v. Simek, J., *B* 150.
Lejsek, K., v. Zícha, B., *B* 712.
Lemanczyk, D., v. Hartweg, H., *B* 147.
Lemieux, S., v. Dufour, D., *B* 28.
Lenaers, A., v. Torregiani, G., *B* 126.
Léonard, A., et Deknudt, Gh., *B* 715.
Léonard, A., Maisin, J. R., and Deknudt, Gh., *B* 744.
Levanto, A., v. Markkanen, T., *B* 692.
Levin, E., *B* 746.
Levine, L., *B* 559.
Levine, L., and Pierone, R. E., *B* 797.
Lewis, D. O., v. Caspi, E., *B* 506.
Liaci, L., *B* 251.
Likar, M., v. Schauer, P., *B* 304.
Lin, Y.-T., Liu, K.-T., Wang, K.-T., and Weinstein, B., *B* 140.
Lisoněk, P., v. Golda, V., *B* 57.
Lisý, V., v. Poduška, K., *B* 809.
Liu, K.-T., v. Lin, Y.-T., *B* 140.
Lodin, Z., v. Pilný, J., *B* 334.
Loeb, C., v. Dagnino, N., *B* 329.
Lohmann, M., *B* 340.
Lohmann, W., Moss, A. J. jr., Garland, W. B., and Woodall, D. M., *B* 514.
Lomax, P., *B* 249.
Lommer, D., *B* 122.
Lommer, D., und Wolff, H. P., *B* 654, 699.
Loni, M. C., *B* 711.
Lopez-Quijada, C., *B* 330, 587.
López-Sáez, J. F., Giménez-Martín, G., and Gonzáles-Fernández, A., *B* 501.
Low, M. J. D., *B* 262.
Lowe, M. B., v. Tapp, E., *B* 530.
Lozada, B. B., v. Laguens, R. P., *B* 244.
Lozeron, H., v. Vidmar-Cvjetanovic, B., *B* 737.
Lozzio, B. B., and Machado, E., *B* 513.
Lucu, Č., v. Kečkeš, S., *B* 146.
Ludewig, R., v. Krug, H., *B* 683.
Lueken, W., *B* 533.
Lüllmann, H., v. Hattingberg, H. M. von, *B* 553.
Lund, S., v. Grillner, S., *B* 390, 691.
Lundborg, P., *B* 59.
Lundgren, O., and Kampp, M., *B* 268.
Lupulescu, A., Chivu, V., and Petrovici, A., *B* 222.
Lusignani, R., v. Bolognani, L., *B* 601.
Lützow, Astrid V. v., *B* 215.
Lützow, Astrid V. v., Bornschein, H., *B* 98.
Lynn, E., v. Mendoza, L. A., *B* 256.

Mach, R. S., v. Jenny, M., *B* 528.
Macha, N., *B* 221.
Machado, E., v. Lozzio, B. B., *B* 513.
Mac Bean, I. T., and Parsons, P. A., *B* 101.
Macieira-Coelho, A., *B* 390.
Madhavi, R., *B* 93.
Maffei, L., and Poppele, R. E., *B* 685.
Maggioni, G., v. Bottini, E., *B* 19.
Magrini, U., v. Turolla, E., *B* 675.
Maisel, H., v. Mehta, P. D., *B* 818.
Maisin, J. R., v. Hugon, J., *B* 235.
Maisin, J. R., v. Léonard, A., *B* 744.
Maiti, P. C., v. Lahiri, S. C., *B* 464.
Makino, K., v. Joh, Y., *B* 591.
Malesani, G., v. Musajo, L., *B* 75.
Malliani, A., Carli, G., Mancia, G., and Zanchetti, A., *B* 315.
Mancia, G., v. Malliani, A., *B* 315.
Mancia, M., v. Baldissera, F., *B* 754.
Mancini, F., v. Baldratti, G., *B* 468.
Manfredi, M., v. Dagnino, N., *B* 329.
Mannaioni, P. F., *B* 305.
Mannheimer, S., v. Laron, Z., *B* 831.
Männl, H. F. K., v. Hempel, K., *B* 689.
Manohar, M. S., *B* 386.
Marchetti, M., v. Caldarera, C. M., *B* 456.
Marchetti, M., v. Landi, L., *B* 362.
Marchiafava, P. L., and Pepeu, G., *B* 51.
Markkanen, T., Levanto, A., Sallinen, V., and Salmela, E., *B* 692.
Markkanen, T., and Näntö, V., *B* 753.
Markwardt, F., Barthel, W., Glusa, E., und Hoffmann, A., *B* 578.
Marqués, R., v. Anghilieri, L. J., *B* 522.
Martin, S. P., v. Shah, Nandkumar, S., *B* 648.
Martino, C. de, v. Capanna, E., *B* 114.
Masai, H., Kusonoki, T., and Ishibashi, H., *B* 745.
Masnerová, M., Koldovský, O., and Kubát, K., *B* 518.
Masson, G. M. C., Aoki, K., and Deodhar, Sh., D., *B* 531.
Master, R. W. P., v. Airan, M. J., *B* 789.
Materazzi, G., and Vitaioli, L., *B* 435.

MATHAS, B., und MÜLLER, W., *B* 795.
MATHOT, C., ROTHEN, A., and SCHER, S., *B* 833.
MATSUBARA, S., SUTER, HEDI, and AEBI, H., *B* 428.
MATSUMURA, T., and KAULLA, K. N. VON, *B* 318.
MATTER, A., v. FORSSMANN, W. G., *B* 816.
MATTHEY, R., *B* 400.
MATTII, M., v. BRECCIA, A., *B* 475.
MATTOO, A. K., MODI, V. V., and PATEL, R. N., *B* 436.
MAULI, R., v. AUE, REGINA, *B* 575.
MAZAREAN, H. H., v. KOVÁCS, E., *B* 802.
MCCARTHY, C., and PENNINGTON, G. W., *B* 33.
MCCORMICK, F. W., and SCOTT, A., *B* 228.
MCKENZIE, J. S., v. BLAIR-WEST, J. R., *B* 291.
MEGNET, R., *B* 151, 216.
MEHTA, A. R., *B* 300.
MEHTA, P. D., and MAISEL, H., *B* 818.
MEIER, M., v. BRUNNER, H., *B* 208.
MEIER-RUGE, W., KALBERER, F., und CERLETTI, A., *B* 153.
MEISSNER, H. D., v. PIERAU, F. K., *B* 180.
MELLO, W. C. DE, and CHANG, Y. C., *B* 680.
MENGEOT, J. C., v. BAUCHAU, A. G., *B* 238.
MENICHINI, G., v. TORREGIANI, G., *B* 126.
MENDE, T. J., *B* 264.
MENDOZA, L. A., HAMBURGH, M., and LYNN, E., *B* 256.
MENZEL, G. R., und GEISSLER, E., *B* 800.
MEYER, J. G., *B* 482.
MEYER, M., v. STEINER, F. A., *B* 58.
MEYER, R., und GÖTZE, J., *B* 363.
MEYRATH, J., and AHMED, S. A., *B* 806.
MICALLEF, H., v. BANNISTER, W. H., *B* 626.
MIKEŠ, O., v. SORM, F., *B* 461.
MINGHETTI, A., v. AMICI, A. M., *B* 415.
MIROLLI, M., *B* 788.
MISRA, J., v. SINGH, CHANAN, *B* 599.
MITCHELL, W. K., and HIMWICH, WILLIAMINA, A., *B* 673.
MITROVIĆ, K., v. JANKOVIĆ, B. D., *B* 459.
MITTLER, T. E., v. DADD, R. H., *B* 833.
MIYAGI, M., and FLICKINGER, R. A., *B* 50.
MLEJNKOVÁ, M., v. RYŠÁNEK, K., *B* 320.
MODENA, B., v. CASU, A., *B* 314.
MODI, V. V., v. MATTOO, A. K., *B* 436.
MOLINARO, M., and CUSIMANO-CAROLLO, T., *B* 246.
MONACELLI, R., v. CASU, ANNA, *B* 544.
MOODY, A. J., and FELBER, J.-P., *B* 241.
MOORE, C. M., v. O'BRIEN, L. J., *B* 845.
MOOS, W. S., and KIM, S. E., *B* 814.
MORASCA, L., and RAINISIO, C., *B* 337.
MORETTI, S., v. BRECCIA, A., *B* 475.
MORIN, R. J., *B* 163.
MORITA, Y., *B* 402.
MORON, JACQUELINE, RONDEST, JANINE, et POLONSKY, JUDITH, *B* 511.
MOROSON H., and NYHEIM, C., *B* 166.
MORRIS, D., v. SMITH, M. W., *B* 678.
MORRIS, T., v. PREISIG, R., *B* 701.
MORRISON, A. R., v. POMPEIANO, O., *B* 60.
MORTON, JANE I., and SIEGEL, B. V., *B* 371.
MORUZZI, MARIA S., v. CALDARERA, C. M., *B* 579.
MOSS, A. J. JR., v. LOHMANN, W., *B* 514.
MOTHES, K., v. HÜNI, J. E. S., *B* 656.
MOURAVIEFF, A. N., v. ELENS, A. A., *B* 186.
MOUTSCHEN, J., v. JANA, M. K., *B* 581.
MOVAT, H. Z., v. WASI, SAFIA, *C* 196.
MÜCKE, D., v. KLEIST, H., *B* 136.
MUKHERJEE, A. P., v. CHATTERJEE, A., *B* 110.
MUKHERJI, M., *B* 466.
MÜLLER, A. F., v. JENNY, M., *B* 528.
MÜLLER, E., v. FALCONI, G., *B* 333.
MÜLLER, E., and PECILE, A., *B* 108.
MÜLLER, M., *B* 247.
MÜLLER, P. W., v. ESSER, H. O., *B* 36.
MÜLLER, W., v. MATHAS, B., *B* 795.
MURRAY, R. K., v. WASI, SAFIA, *C* 196.
MUSAJO, L., RODIGHIERO, G., BRECCIA, A., DALL'ACQUA, F., and MALESANI, G., *B* 75.

NABIH, I., *B* 446.
NAKANO, J., and SAKATO, M., *B* 112.
NÄNTÖ, V., v. MARKKANEN, T., *B* 753.
NARBAITZ, R., and ADLER, R., *B* 667.
NEDERGAARD, O. A., and TAYLOR, D. B., *B* 521.
NEGELEIN, E., v. TANNEBERGER, ST., *B* 459.
NEU, W., v. BEHRENS, M., *B* 265, 853.
NEUHAUS, W., und GOLDENBERG, D. M., *B* 174.
NEURATH, A. R., *B* 290.
NEURATH, A. R., RUBIN, B. A., and VERNON, S. K., *B* 653.
NIEHOFF, S., v. KRÖGER, H., *B* 300.
NIWA, T., v. KAMURA, S., *B* 547.
NORDENFELT, I., v. EMMELIN, N., *B* 725.
NORELL, KRISTINA, v. FORSBERG, J.-G., *B* 402.
NUTTING, E. F., v. ELTON, R. L., *B* 437.
NYHEIM, C., v. MOROSON, H., *B* 166.

O'BRIEN, L. J., and MOORE, C. M., *B* 845.
ODELL, W. D., SWAIN, R. W., BOWERS, C. Y., and SCHALLY, A. V., *C* 342.
OERTEL, G. W., v. KNAPSTEIN, P., *B* 785.
OHLIN, P., and PEREC, C., *B* 668.
O'LAGUE, P., v. CUNNINGHAM, A. W. B., *B* 439.
OLLIS, W. D., *A* 777.
OLSON, L., v. ANDÉN, N. E., *B* 44.
ONORI, L., v. FABBRINI, A., *B* 408.
OPLIŠTILOVÁ, K., v. KUTÁČEK, M., *B* 24.
ORENGO, A., *B* 404.
ORLANDO, E., *B* 686.
OERTEL, G. W., v. KNAPSTEIN, P., *B* 577.
OVCHINNIKOV, YU. A., v. SHEMYAKIN, M. M., *B* 535.
OWMAN, CH., and SJÖSTRAND, N. O., *B* 759.
OZEGOWSKI, W., v. KÜHNEMUND, O., *B* 558.
OZRETIĆ, B., v. KEČKEŠ, S., *B* 146.

PALA, VALERIA, v. CASU, ANNA, *B* 544.
PALESTRO, G., v. TERRACINI, B., *B* 297.
PALLADINI, G., e CARAVITA, S., *B* 585.
PALLINI, U., v. BALDRATTI, G., *B* 468.
PALMA, V., v. ROSSO, R., *B* 62.
PANGBORN, R. M., and CHRISP, R. B., *B* 612.
PANISSET, J.-C., BIRON, P., and BEAULINES, A., *B* 394.
PAPP, J., FÖRSTER, W., SZEKERES, L., and RÖSLER, V., *B* 524.
PARADISI, F., *B* 373.
PARSONS, P. A., v. MAC BEAN, I. T., *B* 101.
PARTMANN, W., *B* 508.
PASQUALI, P., v. LANDI, L., *B* 362.
PASTER, Z., REICH, K., BERGMANN, F., and RAHAT, M., *B* 790.
PATEL, R. N., v. MATTOO, A. K., *B* 436.
PATELLI, B., v. BALDRATTI, G., *B* 468.
PATON, D., and SMITH, J. E., *B* 734.
PATTERSON, E. L., ANDRES, W. W., and BOHONOS, N., *B* 209.
PAUL, K. G., KUMLIEN, A., and BRODY, S., *B* 799.
PAVGI, M. S., v. SINGH, U. P., *B* 461.
PECILE, A., v. FALCONI, G., *B* 333.
PECILE, A., v. MÜLLER, E., *B* 108.
PELEG, J., *B* 555.
PENDERS, TH., and ARENS, J. F., *B* 722.
PENNINGTON, G. W., v. MCCARTHY, C., *B* 33.
PEPEU, G., v. MARCHIAFAVA, P. L., *B* 51.
PEQUIGNOT, J., et SERFATY, A., *B* 121.
PEREC, C., v. EMMELIN, N., *B* 725.
PEREC, C., v. OHLIN, P., *B* 668.
PEREIRA, J. N., and HOLLAND, G. F., *B* 658.
PERES, J. M., *A* 417.
PETERS, W., *B* 820.
PETERSEN, O. H., and POULSEN, J. H., *B* 821.
PETŘEK, J., v. GOLDA, V., *B* 57.
PETRY, G., und KÜHNEL, W., *B* 443.
PETROVICI, A., v. LUPULESCU, A., *B* 222.
PETSCHE, H., und SCHWARTZE, P., *B* 444.
PHILIPPU, A., und SCHÜMANN, H. J., *B* 119.
PIATAK, D. M., v. CASPI, E., *B* 506.
PIEK, T., *B* 462.
PIEPHO, SUSAN B., v. KREIS, W., *B* 431.
PIERAU, F. K., and MEISSNER, H. D., *B* 180.
PIERONE, R. E., v. LEVINE, L., *B* 797.
PIJNACKER, L. P., *B* 158.
PILLERI, G., *B* 849.
PILNÝ, J., LODIN, Z., und HARTMAN, J., *B* 334.
PIZZARELLO, D. J., and WOLSKY, A., *B* 387.
PLESS, J., v. BOISSONNAS, R. A., *B* 526.
PLETSCHER, A., v. BARTHOLINI, G., *B* 609.
PLETSCHER, A., v. DA PRADA, M., *B* 465.
PODRAZKÝ, V., and SEDMEROVÁ, V., *B* 792.
PODUŠKA, K., GLÖDE, J., LISÝ, V., ŠKODA, J., GROSS, H., and RUDINGER, J., *B* 809.
POLGÁR, L., *B* 232.
POLONSKY, JUDITH, v. MORON, JACQUELINE, *B* 511.
POLSTER, M., B 360.
POMPEIANO, O., v. CARLI, G., *B* 239, 455, 583.
POMPEIANO, O., and MORRISON, A. R., *B* 60.
PONTE, F., v. BONAVITA, V., *B* 720.
PONTÉN, U., v. SIESJÖ, B. K., *B* 611.
POPPELE, R. E., v. MAFFEI, L., *B* 685.
POTTER, ROSAMOND, v. ALBERT, S., *B* 477.
POULSEN, J. H., v. PETERSEN, O. H., *B* 821.
POVOA, H. JR., v. ABREU, L. A. DE, *B* 507.
PRADHAN, S., and RANGARO, P. V., *B* 619.
PREISIG, R., GOCKE, D., MORRIS, T., and BRADLEY, S. E., *B* 701.
PRINCE, H. N., v. GRUNBERG, E., *B* 324.
PŘISTOUPIL, T. I., *B* 487.
PROCICCHIANI, GIOVANNA, v. CAPANNA, E., *B* 114.
PROVINI, L., v. DECANDIA, M., *B* 187.
PUCCINELLI, E., v. VIOLA-MAGNI, M. P., *B* 328.
PUTKONEN, P. T. S., *B* 405.

QUERCIO, M., v. CASU, A., *B* 314.
QUINTARD, B., v. THIERCELIN, P.-C., *B* 226.

RAAB, W., *B* 91, 317, 649, 695.
RAAFLAUB, J., *B* 258.
RACKENSPERGER, W., und GRÜSSER, O.-J., *B* 192.
RAFFIER, G., *B* 826.
RAHAT, M., v. PASTER, Z., *B* 790.
RAHMANN, H., *B* 762.
RAINISIO, C., v. MORASCA, L., *B* 337.
RAKIĆ, L, M., v. JANKOVIC, B. D., *B* 459.
RAMPONI, G., TREVES, C., and GUERRITORE, A., *B* 705.
RANADIVE, K. J., v. BOSE, S., *B* 509.

Rangaro, P. V., v. Pradhan, S., *B* 619.
Ranjini, P. V., v. Ray-Chaudhuri, S. P., *B* 740.
Rao, K. Ramakrishna, and Shanmugasundaram, E. R. B., *B* 138.
Rao, L. S. Prahlada, and Koopmans, Alie, *B* 808.
Rao, S. S., v. Acharya, U. S. V., *B* 167.
Raška, K. jr., v. Svatá, M., *B* 53.
Ravdel, G. A., v. Shemyakin, M. M., *B* 535.
Ray-Chaudhuri, S. P., Ranjini, P. V., and Sharma, T., *B* 740.
Re, M., v. Fabbrini, A., *B* 408.
Recchi, Nelida, v. Anghileri, J., *B* 78.
Regan, J. D., *B* 708.
Reich, K., v. Paster, Z., *B* 790.
Reincke, A., v. Wiegershausen, B., *B* 90.
Reiners, W., *B* 359.
Reiter, M., Stickel, F. J., and Weber, S., *B* 665.
Remensperger, P., v. Lamprecht, J., *B* 293.
Renold, A. E., v. Ho, R.-J., *B* 86.
Rétey, J., und Arigoni, D., *B* 783.
Rétey, J., Umani-Ronchi, A., und Arigoni, D., *B* 72.
Rétey, J., Umani-Ronchi, A., Seibl, J., und Arigoni, D., *B* 502.
Reusser, F., *B* 309.
Reusser, F., and Ko, H., *B* 310.
Reuter, A. M., and Kennes, F., *B* 840.
Reuter, H., *B* 39.
Revoltella, R., v. Zatti, M., *B* 467.
Rinaldi, Luciana, *B* 669.
Rindi, G., Ventura, U., Giuseppe, L. de, and Sciorelli, G., *B* 473.
Ritzén, M., v. Hammarström, L., *B* 213.
Rivnay, E., *B* 761.
Roberts, M. E., v. Ciofalo, L. M., *B* 97.
Rockstroh, W., und Hanitzsch, Renate, *B* 100.
Rodighiero, G., v. Musajo, L., *B* 75.
Rojas-Corona, R. R., v. Cunningham, A. W. B., *B* 439.
Romagnoni, M., v. D'Amico, G., *B* 32.
Rondest, Janine, v. Moron, Jacqueline, *B* 511.
Roos, B.-E., v. Andersson, H., *B* 539.
Rösler, V., v. Papp, J., *B* 524.
Rossi, C. A., v. Felicoli, R. A., *B* 728.
Rossi, F., v. Zatti, M., *B* 758.
Rossi, F., and Zoppi, G., *B* 433.
Rosso, R., Palma, V., and Garattini, S., *B* 62.
Rothen, A., v. Mathot, C., *B* 833.
Rother, M., v. Kröger, H., *B* 300.
Rothstein, H., Fortin, J., and Sonneborn, D., *B* 294.
Rothweiler, W., and Tamm, Ch., *B* 750.
Rowley, D., *A* 1.
Ruben, L. N., Balls, M., and Stevens, J., *B* 260.
Rubin, B. A., v. Neurath, A. R., *B* 653.
Rüdiger, W., v. Abolinš, L., *B* 298.
Rudinger, J., v. Poduška, K., *B* 809.
Rudolph, G., v. Shamberger, R. J., *B* 116.
Ruska, C., v. Rybak, B., *B* 735.
Ruska, H., v. Rybak, B., *B* 735.
Russell, A. D., v. Harries, Diann, *B* 803.
Russell, C., *B* 80.
Rybak, B., Ruska, H., et Ruska, C., *B* 735.
Rychlík, I., v. Sorm, F., *B* 461.
Ryšánek, K., Svehla, C., Špánková, H., and Mlejnková, M., *B* 320.

Sackler, A. M., v. Weltman, A. S., *C* 627.
Sadílek, L., *B* 411.
Sadique, J., Shanmugasundaram, Radha, and Shanmugasundaram, E. R. B., *B* 32.
Saint-Blancard, J., v. Thiercelin, P.-C., *B* 226.
Sakato, M., v. Nakano, J., *B* 112.
Saleminк, C. A., Schuring, F., Kerling, L. C. P., and Schippers, B., *B* 248.
Salmela, E., v. Markkanen, T., *B* 692.
Sallinen, V., v. Markkanen, T., *B* 692.
Salmons, T. J., v. Chambers, P. L., *B* 127.
Sammons, D. C. H., v. Fare, G., *B* 668.
Sampath Narayanan, A., and Shanmugasundaram, E. R. B., *B* 427.
Sandbank, U., v. Cohen, I., *B* 662.
Santamaria, Leonida, and Fleischmann, L., *B* 430.
Santomé, J. A., v. Vito, E. de, *B* 124.
Santos, M., v. Endo, R. M., *B* 757.
Sarti, M., v. Chiarelli, B., *B* 652.
Sauerland, E. K., v. Clemente, C. D., *B* 844.
Saxena, R. S., and Sharma, O. P., *B* 104. 383.
Schaepdryver, A. F. de, v. Vochten, R. F., *B* 772.
Schäfer, H., *B* 407.
Schäfer, M., v. Fridrich, R., *B* 552, 576.
Schally, A. V., v. Kastin, A. J., *B* 389.
Schally, A. V., v. Odell, W. D., *C* 342.
Schäněl, L., *B* 517.
Schatzmann, H. J., *B* 364.
Schauer, P., Krbačič, A., Tišler, M., and Likar, M., *B* 304.
Scher, S., v. Mathot, C., *B* 833.
Schibler, D., and Fleisch, H., *B* 367.
Schindler, J., *B* 158.
Schippers, B., v. Saleminк, C. A., *B* 248.
Schmekel, L., v. Wechsler, W., *B* 296.
Schmid, H., v. Hüni, J. E. S., *B* 656.
Schmidt, P., v. Brunner, H., *B* 208.
Schoffa, G., and Bürk, G. K., *B* 856.
Schuller, L., Kerekes, M., and Bedö, C., *B* 162.
Schümann, H. J., v. Grobecker, H., *B* 22.
Schümann, H. J., v. Philippu, A., *B* 119.
Schuring, F., v. Saleminк, C. A., *B* 248.
Schwander, H., v. Lāuchli, A., *B* 503.
Schwartz, D. E., *B* 212.
Schwartz, S. O., v. Brown, E. R., *B* 687.
Schwartze, P., v. Petsche, H., *B* 444.
Schwarzenbach, G., *A* 633.
Sciaky, R., v. Baldratti, G., *B* 468.
Sciorelli, G., v. Rindi, G., *B* 473.
Scott, A., v. McCormick, F. W., *B* 228.
Scotti, T., v. Amici, A. M. *B* 415.
Scriabine, A., and Stebbins, R. B., *B* 106.
Scrimgeour, G., v. Hargreaves, T., *B* 382.
Secchi, G. C., v. Agostoni, A., *B* 730.
Sedláček, J., v. Šimek, J., *B* 150.
Sedmerová, V., v. Podrazký, V., *B* 792.
Seibl, J., v. Rétey, J., *B* 502.
Seitun, A., v. Dagnino, N., *B* 329.
Sekeris, C. E., *B* 250.
Senden, K. G. van, v. Gier, J. de, *B* 20.
Serafini Fracassini, D., v. Bagni, N., *B* 292.
Serfaty, A., v. Pequignot, J., *B* 121.
Sergeeva, Z. N., v. Frankstein, S. I., *B* 604.
Shah, Nandkumar S., Fox, L. E., and Martin, S. P., *B* 648.
Shamberger, R. J., and Rudolph, G., *B* 116.
Shanmugasundaram, E. R. B., v. Rao, K. Ramakrishna, *B* 138.
Shanmugasundaram, E. R. B., v. Sampath Narayanan, A., *B* 427.
Shanmugasundaram, Radha and E. R. B., v. Sadique, J., *B* 32.
Sharma, O. P., v. Saxena, R. S., *B* 104. 383.
Sharma, Sheela, v. Dasgupta, B., *B* 647.
Sharma, T., v. Ray-Chaudhuri, S. P., *B* 740.
Shchukina, L. A., v. Shemyakin, M. M., *B* 535.
Shelley, W. B., and Juhlin, L., *B* 412.
Shemyakin, M. M., Shchukina, L. A., Vinogradova, E. I., Ravdel, G. A., and Ovchinnikov, Yu. A., *B* 535.
Shimizu, N., Kawabata, K., and Kaneda, M., *B* 109.
Siegel, B. V., v. Morton, Jane, I., *B* 371.
Siesjö, B. K., and Pontén, U., *B* 611.
Sigel, H., *B* 497.
Sigel, H., und Curtius, H. Ch., *B* 649.
Sigel, H., v. Flierl, C., *B* 784.
Sigg, H. P., v. Aue, Regina, *B* 575.
Sijde, D. v. d., *B* 622.
Šimek, J., Sedláček, J., Lejsek, K., and Hais, I. M., *B* 150.
Simon, J., *C* 198.
Singh, Chanan, and Misra, J., *B* 599.
Singh, I., and Singh, S. I., *B* 165.
Singh, S. I., v. Singh, I., *B* 165.
Singh, U. P., and Pavgi, M. S., *B* 461.
Sinha, R. C., *B* 221.
Sjöstrand, J., v. Carlsson, C.-A., *B* 766.
Sjöstrand, N. O., v. Owman, Ch., *B* 759.
Sirchia, G., v. D'Amico, G., *B* 32.
Sirchia, G., v. Ferrone, S., *B* 731.
Skelton, F. R., and Bernardis, L. L., *B* 551.
Skelton, F. R., v. Kamura, S., *B* 547.
Škoda, J., v. Poduška, K., *B* 809.
Smelik, P. G., v. Ernst, A. M., *B* 837.
Smith, A. D., v. Brabdury, S., *B* 142.
Smith, J. E., v. Paton, D., *B* 734.
Smith, M. W., *B* 252.
Smith, M. W., and Morris, D., *B* 678.
Soldati, M., Fioretti, A., and Ghione, M., *B* 176.
Sonneborn, D., v. Rothstein, H., *B* 294.
Sonnenberg, H., *B* 683.
Šorm, F., Mikeš, O., and Rychlík, I., *B* 461.
Šorm, F., v. Svatá, M., *B* 53.
Souza Santos, Helena de, *B* 812.
Spálený, J., v. Kutáček, M., *B* 24.
Spalla, C., v. Amici, A. M., *B* 415.
Špánková, H., v. Ryšánek, K., *B* 320.
Speiser, Z., Gitter, S., and Laron, Z., *B* 523.
Spencer, J. F. T., v. LaRue, T., *B* 729.
Srebro, Z., *B* 847.
Srivastava, M. P., and Tandon, R. N., *B* 789.
Srivastava, R. P., *B* 372.
Stafford, W. H., and Ward, J. P., *B* 87.
Stammer, CH. H., and Jones, W. C., *B* 600.
Stebbins, R. B., v. Scriabine, A., *B* 106.
Steiner, F. A., and Meyer, M., *B* 58.
Sterman, M. B., v. Clemente, C. D., *B* 844.
Stevens, J., v. Ruben, L. N., *B* 260.
Sticher, H., v. Bach, R., *B* 515.
Stickel, F. J., v. Reiter, M., *B* 665.
Story, J. C., v. Corbin, A., *B* 694.
Strates, B. S., *B* 574.
Studer, R. O., v. Vogler, K., *A* 345.
Stürckow, Brunhild, and Bodenstein, W. G., *C* 851.
Stutz, E., v. Kröger, E., *B* 300
Suchowsky, G. K., v. Baldratti, G., *B* 468.
Suketa, Y., v. Hayashi, K., *B* 354.
Summers, L. A., *B* 499.
Sundin, T., v. Carlsson, C.-A., *B* 766.

Suter, Hedi, v. Matsubara, S., *B* 428.
Sutton, Maureen, v. Crawford, N., *B* 710.
Suzuki, T., v. Hayashi, K., *B* 354.
Suzuki, T., v. Kato, H., *B* 49.
Svatá, M., Raška, K. ir., and Šorm, F., *B* 53.
Svehla, C., v. Ryšánek, K., *B* 320.
Swain, R. W., v. Odell, W. D., *C* 342.
Swarup, Sushiela, Ghosh, S. K., and Chatterjea, J. B., *B* 580.
Szekeres, L., v. Papp, J., *B* 524.
Szentivanyi, M., Juhasz-Nagy, A., and Debreceni, L., *B* 171.

Tacconi, M. T., v. Bizzi, A., *B* 664.
Taichmann, N. S., v. Wasi, Safia, *C* 196.
Takeyama, N., *B* 774.
Tamm, Ch., v. Rothweiler, W., *B* 750.
Tandon, R. N., v. Srivastava, M. P., *B* 789.
Tani, F., v. Baldratti, G., *B* 468.
Tanneberger, St., und Negelein, E., *B* 549.
Tapp, E., and Lowe, M. B., *B* 530.
Tarjan, R., v. Kemény, T., *B* 748.
Thaw, C., v. Altura, B. M., *B* 786.
Taylor, D. B., v. Nedergaard, O. A., *B* 521.
Tembrock, G., *A* 561.
Tepper, Shirley A., v. Kritchevsky, D., *B* 84.
Terashima, M., v. Brossi, A., *B* 134.
Terracini, B., and Palestro, G., *B* 297.
Thalacker, R., v. Behrens, M., *B* 265.
Thiercelin, P.-C., Quintard, B., et Saint-Blancard, J., *B* 226.
Thimann, K. V., v. Caspi, E., *B* 506.
Thölen, H., v. Bigler, F., *B* 321.
Thulin, C.-A., v. Carlsson, C.-A., *B* 766.
Timiras, Paola S., v. Valcana, Theony, *B* 608.
Tišler, M., v. Schauer, P., *B* 304.
Tissot, R., v. Bartholini, G., *B* 609.
Tognoli, L., v. Amici, A. M., *B* 415.
Tomita, G., and Kim, S. S., *B* 27, 366, 392.
Tomonaga, M., *B* 92.
Torregiani, G., Lenaers, A., Federighi, G., Menichini, G., Bartolomei, G., and Donato, L., *B* 126.
Torsoli, A., v. Fabbrini, A., *B* 408.
Tóth, S., and Csaba, B., *B* 755.
Traut, W., *B* 237.
Trenta, A., v. Breccia, A., *B* 475.
Treves, C., v. Ramponi, G., *B* 705.
Tsukuhara, N., and Kosaka, K., *B* 193.
Tsukamoto, K., v. Hayashi, K., *B* 354.
Tuomi, J., *B* 458.
Turian, G., v. Viswanathan, M. A., *B* 377.
Türker, K. R., and Khairalla, P. A., *B* 696.
Turolla, E., Magrini, U., and Gaetani, M., *B* 675.

Uddenberg, N., *B* 441.
Uehlinger, Verena, *B* 556.
Ullberg, S., v. Hammarström, L., *B* 213.
Umani-Ronchi, A., v. Rétey, J., *B* 72. 502.
Ungerstedt, U., v. Andén, N. E., *B* 44.
Uno, M., v. Yoshida, M., *B* 331.
Uriuhara, T., v. Wasi, Safia, *C* 196.

Valcana, Theony, Vernadakis, Antonia, and Timiras, Paola S., *B* 608.
Valentinuzzi, M., Ferraresi, W. R., and Vazquez, T., *B* 312.
Vargaftig, B., *B* 182.
Vazquez, T., v. Valentinuzzi, M., *B* 312.
Ventura, U., v. Rindi, G., *B* 473.
Verma, K., and King, Dorothy, W., *B* 164.
Vernadakis, Antonia, v. Valcana, Theony, *B* 608.
Verne, J., et Herbert, S., *B* 500.
Vernon, S. K., v. Neurath, A. R., *B* 653.
Veryovkina, I. V., v. Gorkin, V. Z., *B* 157.
Vidmar-Cvjetanovic, B., Gaudin, P., Lozeron, H., and Jadassohn, W., *B* 737.
Villanueva, J. R., v. Ballestra, J. P. G,. *B* 471.
Villanueva, J. R. ,v. García, Acha, I., *B* 378.
Vina, I., v. Gorkin, V. Z., *B* 157.
Vinogradova, E. I., v. Shemyakin, M. M., *B* 535.
Viola-Magni, M. P., and Puccinelli, E., *B* 328.
Viswanathan, M. A., et Turian, G., *B* 377.
Vitaioli, L., v. Materazzi, G., *B* 435.
Vito, E. de, and Santomé, J. A., *B* 124.
Vochten, R. F., and Schaepdryver, A. F. de, *B* 772.
Vogler, K., and Studer, R. O., *A* 345.
Volpe, V., *B* 615.
Vries, A. de, v. Cohen, I., *B* 662.
Vries, J. E. de, v. Dalderup, M. L., *B* 597.

Wagner-Jauregg, Th., Häusler, G., und Demolis, A., *B* 288.
Waldbott, G. L., *B* 835.
Waldvogel, G., v. Furlenmeier, A., *B* 573.
Wang, K.-T., v. Lin, Y.-T., *B* 140.
Ward, J. P., v. Stafford, W. H., *B* 87.
Warnecke, M. A., v. Donati, R. M., *C* 270.
Wasi, Safia, Uriuhara, T., Taichmann, N. S., Murray, R. K., and Movat, H. Z., *C* 196.
Watson, D., *B* 76.
Weaver, L. C., Jones, W. R., and Bocksthaler, E. R., *B* 15.
Weber, S., v. Reiter, M., *B* 665.
Weber, W., v. Gaude, H., *B* 396.
Wechsler, W., und Schmekel, L., *B* 296.
Weihe, W. H., *B* 697.
Weinstein, B., v. Lin, Y.-T., *B* 140.
Weltman, A. S., and Sackler, A. M., *C* 627 .
Wendelberger, F., v. Knapstein, P., *B* 785.
Whatley, Sandra, v. Glick, B., *B* 179.
White, J. A., v. Hollstein, U., *B* 210.
Wiechert, P., v. Herbst, A., *B* 718.
Wiechert, R., v. Furlenmeier, A., *B* 573.
Wiegershausen, B., und Hennighausen, G., *B* 234.
Wiegershausen, B., und Reincke, A., *B* 90.
Wilhelm, M., v. Brunner, H., *B* 208.
Winkler, H., v. Bradbury, S., *B* 142.
Winter, A., v. Caspi, E., *B* 506.
Wirtz, G. H., and Brooke, R. C., *B* 313.
Wolf, P. L., v. Albert, S., *B* 477.
Wolff, H. P., v. Lommer, D., *B* 654, 699.
Wolsky, A., v. Pizzarello, D. J., *B* 387.
Wolstencroft, J. H., v. Avanzino, G. L., *B* 410.
Woodall, D. M., v. Lohmann, W., *B* 514.
Woodhouse, D. L., *B* 810.

Yajima, K., v. Yoshida, M., *B* 331.
Yoshida, M., Yajima, K., and Uno, M., *B* 331.

Zachar, J., and Zacharová, Daria, *B* 451.
Zacharová, Daria, v. Zachar, J., *B* 451.
Zanchetti, A., v. Malliani, A., *B* 315.
Zanella, A., v. Ferrone, S., *B* 731.
Zatti, M., and Revoltella, R., *B* 467.
Zatti, M., and Rossi, F., *B* 758.
Zebe, E., *B* 96.
Zepf, S., v. Hattingberg, H. M. von, *B* 553.
Zhdanov, V. M., v. Galegov, G. A., *B* 61.
Zícha, B., Lejsek, K., Beneš, J., and Dienstbier, Z., *B* 712.
Zieglgänsberger, W., v. Herz, A., *B* 839.
Zonta, L., v. Bolognani, L., *B* 601.
Zonta, L., v. Castellani, A. A., *B* 225.
Zoppi, G., v. Rossi, F., *B* 433.
Zwillenberg, L. O., and Knapp, W., *B* 483.
Zwisler, O., *B* 591.